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Snails and Worms Hermaphrodites.
Ray's Method of Engliſh Trees and Shrubs.
Herbs of the ſame Claſs have ſimilar Virtues.
Virginian Waſps, Bees, &c.

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N. B. *Whoever can give any Hints towards the Life of Mr.* PETIVER *or his Family, the Favour will be gratefully acknowledged by Their moſt obedient humble Servant,*

J. MILLAN.

THE indefatigable ingenious Mr. PETIVER had the greateſt advantages, in compiling this Work, that a man could wiſh, by his intimacy with Sir Hans Sloan, Dr. Liſter, Mr. Ray, and all the great men of his time, at home and abroad. He was a great aſſiſtant to Mr. Ray, Sir Hans Sloan, &c. in their works; has wrote many papers in the Philoſophical Tranſactions, and had correſpondents in moſt parts of the world, who generouſly ſent him the productions of all the parts they travelled to. He died Apothecary of the Charter-Houſe, univerſally regretted, April 4, 1718. aged about 60. He is quoted, and eſteemed as the beſt authority, by Linnæus, and moſt other natural hiſtorians. He was admitted Fellow of the Royal Society, Nov. 27, 1695.

Mr. Ray had a great regard for him, as may be ſeen in his Hiſtory of Plants, Synopſis, &c. printed in 1688, 1690, 1696, &c.

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N.B. As amongst Forreign Plants, *the most common* Grass, Rush, Moss, Fern, Thistle, Thorn, *or vilest* Weed *you can find, will meet with Acceptance, as well as a scarcer Plant; So in all other things, gather whatever you meet with, but if very common or well known, the fewer of that* Sort, *will be acceptible to*

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Deſcriptionibus brevibus & *Iconibus* illuſtrantur.

Hiſce Annexa erit Supellex Antiquaria, Numismata, Gemmæ exciſæ, & ſculpturæ, Opera Figulina, Lucernæ, Urnæ, Inſtrumenta varia, Inſcriptiones, Buſta, reliquaque ad rem priſcam ſpectantia: Item Machinæ, Effigies clarorum virorum, omniaque Arte producta.

PATRONIS ſuis & MÆCENATIBUS, D. D. D.

JACOBUS PETIVER.

Tab. 1. LAcertus MARIANUS minor caudâ cæruleâ. Particular in having a blew ſhining Tail, found about Trees in MARYLAND,

2. Piſcis Quadrangularis parvus, verrucoſus & reticulatus. Taken out of the ſtomach of a Codfiſh, in an East India Voyage.

3. Obſcabrion CAROLINIANUS perelegans, ſquammis bifariàm variegatus. This elegant Animal given me by Dr. LISTER, who had it from *Carolina*, ſea Louſe or jointed Lempit.

4. Aſellus marinus, e nigro luteoque ſtriatus. Sea *Hog-louſe*, Brought up with angling in *Smyrna* Bay

5. Scarabeolus Hemiſphæricus Cochineelifer. Cochinilla & Coccinilla Offic. Dale 539. 5. *Cochineel.* Act. Phil. 176. p. 1202 & No. 103, repreſented in its ſeveral ſtates.

6. Plan. Orbis *Indica*, ex caſtaneo alboque ſtriato, umbilico patulo. from Fort St. George.

A. 7. Papilio Leucomelanus *Cantabrigienſis.* nobis. Papilio Leucomelanus ſubtus virideſcens matmoreus Muſ. Petiver, 304. Vernon's half mourner. I know not of any that hath met with this in *England*, but Mr. *Vernon* about *Cambridge*, and there very rare.

8. Papilio *Ulliſponenſis*, ex-nigro luteoque mixtus, maculis ſanguineis aſperſis. Diſtinguiſhed in being ſprinkled with ſome bloody ſpots: obſerved about *Liſbon.*

9. Xeranthemum ſpecioſum e Cap. Bon. Sp. fl. albo maximo Muſ. PET. 500. After *Gnaphaloides*, elegant plant from Dr. *Fred. Ruych.* It's diſtinguiſhed from all others by its large white ſtrawy flowers and thick cloth-like leaves.

10. Plantago *Mariana* ſpicâ prætenue Muſ. PET. 668 *Maryland*

11. Ornitholgalum *Virginianum* luteum, foliis Gramineis hirſutis. nobis. Ornithogalum luteum parvum, foliis hirſutis. Ray H. Pl. 1927, common in *Carolina*, *Maryland*, and *Virginia*. Its hairy Graſslike Leaves diſtinguiſh it.

12. Gladiolus lacuſtris *Virginianus* cæruleus, Sagittariæ folio. nobis. Sagittariæ ſimilis, planta paluſtris Virginiana ſpicâ florum cæruleâ. *D. Baniſter. H. Oxon.* Sect. 15. p. 618. Tab. 4. Fig. 8. from *Maryland* and *Virginia*, *South Carolina*, where it Flowers in June and July, and is called by them Wake-Robin.

13. Baccifera *Mariana*, Clematis Daphnoidis minoris folio Muſ. *Petiver.* 363.

Tab. 11 CApricornus *Norvegicus* nigreſcens, vaginus punctatis Fig. 1. maculiſque pallidis aſperſis, from *Norway.*

2. Cantharus *Marianus* viridis perelegans, vaginus ſulcatis, ſignaturis flaveſcentibus ornatis. This rare elegant Inſect firſt diſcovered in *Maryland.*

3. Papilio *Marianus* fuſcus, areâ marginali oculatâ, from ditto.

4. Muſca *Africana* flaveſcens, caudâ triſetâ, alis nebuloſis, caught at *Cape Mount Serrado* near *Guinea.*

5. Anagallis *Mariana* lutea, foliis latis ſtellatis. This elegant Plant is diſtinguiſh'd by its broad Leaves, there being another ſort which I have ſeen from thoſe Parts with more, and much narrower.

6. Schænanthus Avenaceus procumbens *Madraſpatanus* Beupleuri facie Muſ. noſt. 577. The heads of this Camels-hay are much ſmaller and ſhorter than any other Species I have yet ſeen, as are its Leaves and Sheaths.

7. Gramen Lagopoides *Guineenſe*, ſpica longa nutante *Muſei noſtri* 333. This Graſs has Spikes upright, bending while young, from Caoe 3 Puntas on the Coaſt of *Guinea.*

8. Ilicis foliis exiguis Frutex Orientalis Muſ noſt. 250. This Shrub has elegant ſhining Leaves, from *Suratt.*

9. Erica Promont. Bonæ Spei floribus albidis ſtaminulis rubris Mu. Noſtr. 636, known by its cottony heads with ſhort red ſtamina, and ſmooth leaves diſtinguiſh it from Muſ. noſt. 765.

10 Erica carnea Promont. Bonæ Spei, foliis & floribus villoſis Muſ. Noſt. 637, with Cottony Heads like the laſt, commonly green, and ſometimes yellowiſh as if mouldy, from theſe heads proceed no ſtamina as in the other.

A. 11. Papilio minor ſupernè fuſcus, infernè viridis, in the Weſt of *England*, *Cambridge*, and about *London.*

12. Scarabeus *Aleppenſis* parvus villoſus, vaginis e fuſco aureoque mixtis, from Aleppo.

Tab. 3. LIbella *Turcica* major, alis Locuſtæ. The ſprinkled Fig. 1. Clouds in the Wings of this Adder-bolt, are very dark, near to black, from Aleppo.

2. Phalena *Mariana* minor fulva, maculis nigris, albâ lineâ pulchrè aſperſis. This elegant Moth from *Maryland* and *Carolina.*

3. Phalena *Monſpeliaca* alba minor ſpecioſa, maculis ſanguineis nigreſque aſperſis. This rare and beautiful fly from *India* and *Mompelier.*

4. Papilio *Guineenſis* nigreſcens, lituris albis aſperſis, from Cape Coaſt in *Guinea.* The Ground of its Wings are black above and ruſty below.

5. Capricornus *Capenſis* niger, faſciis Aurantiacis.

6. Locuſta *Capenſis* alis inferioribus luteis. This and the laſt from the *Cape of Good Hope.*

7. Erica *Capenſis* Coridis folio, flore rubello.

8. Tominejo *Mariana* vireſcens gutture flammeo. The Humming Flame-Throat. Ray Ornith. 167. 8. id. this beautiful Bird from *Maryland.*

9. Breyniana Cineroides *Capenſis* nobis. Frutex cineraceus muſcoſus Breyn Cent. 24. c. 12. Fig. Tamariſci ſeu Myrica forte genus Æthiopicum Pluk. Tab. 297. Fig. 1. Alm. Bot. 159. pl. 13. & Tamariſci ſeu Myricæ fortè genus Æthiopicum, muricato fructu intus tomentoſo Alm. Bot. 361. pl. 11. This, the next and Fig. 7, from the Cape.

10. Hippuris Coralloides carnea, *Capenſis*, geniculis limoſis.

11. Patella *Indica* compreſſa orificio magno ovali. *East Indies.*

12. Patella compreſſa, parva, exotica, orificio ſtrictiori.

Tab. 4. CIcada *Capenſis* variegata, marginibus tranſparentibus. Fig. 1. Elegant Fly from the Cape of Good Hope.

2. Papilio *Mexicanus* nigreſcens, lineâ luteſcente arcâ miniaceâ notabili Muſ. noſt. 515. Caught at *La Vera Cruz.*

3. Papilio *Madraſpatanus* medius, flavedine & fuſco mixtus, liturâ cæruleâ inſignitus S. B. 5. 6. ſeu Act. Phil. No. 276. p. 1023. 6. This ſingular Butterfly from Fort St. George.

4. Adiantum Philippenſe, folio rotundo laciniato, ſent Mr. *Rey* and me from the Philippine Iſles.

5. Buccinulum album, lineâ ſanguineâ ſpirale.

6. Stella *Chinenſis* perelegans dupliciter radiata. S. B. 5. 1. ſeu Act. Phil. No. 276. p. 1023. 1, from *China.*

7. Capricornulus *Orientalis* viridis guttulis nigris, found on Ship-board in a Voyage from the East Indies.

8. Umbilicus Orientalis unguſtus ſerratus fuſcus. an Unguis odoratus CB in Matth. 246. c. 8. Fig. ? *Matth.* in Dioſc. edit. Valgris. *A. D.* 1560 p. 181. c. 8. Fig. ? Lonicer. in Dioſc. p. 96. c. 7. Fic. Bizantia Pomet. pt. 2. p. 97. Fig. Onyξ Græg. Achfar ateb aut Adfar althaib. Arab. i. e Ungula aromatica Lat. Ongle aromatique Gal. Narrow Conk-lid, only one yet ſeen from the East Indies.

9. Umbilicus latus fuſcus. nobis. Blatta Pomet. pt. 2. p. 97. Fig. bonâ Blatta Bizantia Offic. Dale 549. 4. Purpura Lonicerî in Dioſc. p. 96. c. 7. Fig. bon. Cheſnut Oyſter Muſ. Reg. Soc. 141. Tab. 12. Fig. opt Broad Conk-lid. Parkinſon p. 1574. c. 14. gives us Figures much reſembling both theſe, and of this laſt 2 or 3 Varieties.

10 Cochlea *Bengalenſis* ore lacerato. an Cochlea compreſſa varicgata, lateribus acutis. ſenis minimum dentibus donata Liſt, H. C. L. 4. S. 5. Fig. 31. Tab. 577 ? found in Bengal Bay.

11 Fungus *Capenſis* ſubtus poroſus, reſembles our Rain-bow Muſhroome, but underneath is poone'd like a Thimble. from the Cape.

12 Alga Spongioides *Marſpeſſuiana* viridis, from Mompelier.

Tab. 5. COncha Veneris parva undata, ventre maculato. Con-
Fig. 1. cha Veneris parva, ventre ſubluteo maculoſo, dorſo undatis lineolis ex triplice ordine depicto Liſt. H. C. L. 4. S. 9.

Tab.

Tab. 661. Fig. 5. It's eaſily diſtinguiſh'd, by its Waves and ſpotted Belly.

2. Abrotanoides Capenſis Ericæ folio. This and Fig. 4. Mr. Starrenburgh ſent me from the Cape.

3 Echinus ovarius *Barbadenſis*, radiis quinque geminis venuſté ſtriatus Muſ. Petiver. 124.

4 Breyniana *Capenſis*, capitulis albis plumoſis, only for its plumoſe heads this reſembles Fig. 9. Tab. 3. *Gaz.*

5 Unicornu *Widenſe* nodoſum & verrucoſum. an Buccinum fuſcum, nodoſis ſtriis diſtinctum Liſt. H. C. L. 2. Tab. 122. Fig. 18. from Wida, Old Calabar.

6 Linulum *Carolinianum* humiſtratum Knawel facie. Gooſe Creek, S. *Carolina.*

7 Lewiſanus *Capenſis* Serpilli folio. This differs from No. 785. Muſei noſtri, in having its Leaves almoſt round, like Mother of Thyme.

8 Onagra minima *Madraſpatana* Pimpinellæ acutiore folio, an Onagra Americana folio Betonicæ fructu hiſpido Inſt. Rei Herb. 302. 6.

9 Folliculena ſeu Folliculum Phalenæ ovale, appendice annulo terminante é *Madraſpatan* S. B. 3. 11. ſeu Act. Phil. No. 271. p. 860. 11. The Ring-Coffin. This and the laſt Mr. Edw. Bulkley ſent me from Fort St. George.

10 Xeranthemum *Capenſe* Tartonraire folio, altogether new and elegant Plant with the next, from the *Cape.*

11 Genitla tinctoria *Capenſis*, purpurea, foliis ſericeis. an *Geniſta* Africana fruteſcens, foliis Tartonraire, fl. purpureo *Oldenl.* Inſt. R. H. 644. 10?

12 Stratiotes quadrifolia Lujulæ facie. an Lemna Theophraſt. Lugd. 1014. c. 11. Fig. an Lens paluſtris, altera C. P. in Matth. 783. Fig. 2. Lac. Lugd. 1015. Fig? Lent paluſtris quadrifolia C. B. Phyt. Fig. 7. 1. I. B. V. 3. l. 38. p. 777. Fig. Chabr. 566. Fig. 3. Park. 1262. Fig. 2. Lente paluſtre Durant. app. Fig. an Lenticula paluſtris quadrifolia C. B. 362. 4. paluſtris tetraphyllos I. B. prodr. 115. 2. paluſtris 2. Tab. an Lenticulæ alterum genus Cæſalp. From *Wida* in Guinea, which having ſingle Leaves only, beſt agrees with the Lemna Theoph. Lugd. 1014. From Fort St. George. I have received what I take to be the ſame in Branches which very well agrees with the other Figure of Lugd. p. 1015. and the other Authors abovementioned, I have not as yet ſeen an European Specimen, by which I ſhould be better able to judge.

Tab. VI. Fig. 1. AVis *Mary-Landica* gutture luteo. The Mary-Land Yellow-Throat. This and the next from *Mary-Land.*

2 Randalia Mariana procerior. nobis. Planta Mariana capitalis albis conglobatis Muſ. Petiver. 668. *Mary-Land* Randall-wort.

3 Cupreſſus *Chuſanenſis* Abietis folio, from *Chuſan* an Iſland near *Liampo* in China. The Leaves are triangular, carinated, ſtiff, and ſtand off from the Stalk, its Seed is brown and ſmall, not much unlike Buck-Wheat but not ſo regular.

4 Conophorus *Capenſis* foliis parvis obtuſis. nobis. Alypum é Promont. Bonæ Spei foliis minimis Muſ. Petiv. 604.

5 Anguis *Exotica*, fuſca, dorſo albis maculis aſperſis. This elegant Snake I received from Fidloo.

6 Muſca *Caroliniana* nigreſcens, antennis magnis plumoſis, wonderful Fly from Carolina.

7 Papilio *Cartagenius* nigreſcens, albâ lineâ prope extremitatibus alarum, from *Carthagena* in *Am.*

8 Concha Veneris *Emuyaca*, albida minor levis, circulo croceo S. B. 5. 34. ſeu Act. Phil. No. 276. p. 1028. 35, where I have given you other Synonyms and its comparative Difference.

9 Papilio *Angolenſis*, margine pulchrè oculata. this elegant Fly from Angola.

10 Balanus Chinenſis criſtatus nobis. an Balanus compreſſa & ſquammata Muſ. Regal. Soc. 149. an Balanus Rond, aq. c. 29. p. 28. Fig? Glans de Mer. Rond. Galic. c. 25. p. 21. Fig? Scaled Centre Shell Muſ. Regal. Soc. Tab. 12. Fig. 6? from Emuy and Chuſan.

11 Jacea *Capenſis* Gnaphalii folio. an Jacea Æthiopica Stæchadis citrinæ majoribus tomentoſis foliis, capitulorum ſpinis & ſquammulis ex aureo colore nitentibus. Alm. Bot. 196. 6. Tab. 302. Fig. 3?

12 Papillio *Caroliniana* nigreſcens maculis luteis. this Butterfly from *Carolina.*

Tab. 7. Fig. 1. GNaphalium *Capenſe* ſpicatum, Alyſſi foliis. ſent by Dr. Fred. Ruyſch, Profeſſor.

2. Parietaria *Canarienſis* foliis ſerratis ſubtus lanu ginoſis, from the Canaries.

3. Argyrocome Capitis Bonæ Spei Thymi foliis Muſ. 144.

4. Argyrocome Virginiana Atriplicis folio nobis. Conyza Virginiana Halimi folio Inſt. Rei Herb. 457. 7. Elychryſo affinis Virginiana fruteſcens foliis Chenopodii glaucis Pluck. Tab. 27. Fig. 8. Alm. Bot. 134. pl 12. Pſeudo-Helichryſum Virginianum fruteſcens Halimi latiori foliis glaucis H. Ox. Sect. 7. p. 90. Tab. 10. Ser. 3. Fig. 2. No. 4. & Tab. 17. Ser. 3. Fig. ult. Senecio Virginianus arboreſcens Par. Bat. 225. Fig. & Deſc. Senecio fruteſcens Virginiana Atriplicis folio Ray 1799. 14. and 1861. 6, in Flower, in the Biſhop of *London*'s Garden at Fulham.

5. Papilio *Luſitanicus* oculatus & marmoreatus. The Portugal Grayling. Caught about Liſbon.

6. Folliculena *Caroliniana* e virgulis cooperta. This Caſe-worm in the Woods in Carolina about July; theſe are faſtened to a ſort of Willow and guarded with little bits of Twigs like thoſe I have obſerved on the Phryganium or Caddus in our Rivers.

A. 7. Phalena Occidental. *Angliæ* lituris ex aureo & argenteo mixtis.

A. 8. Phalena Occident. Angliæ alba, ſignaturis nigris undatis. This, and Fig. 11. very rare, were firſt diſcovered in the Weſt of England.

9. Tominco *Capenſis* major, capite luteo. This beautiful Bird from Riga, Borneo and the Cape, it has a very long Tongue, which it throws into Flowers as other humming Birds.

10 Papilio *Caroliniacus* luteus, apicibus nigris, from Carolina.

A. 11. Phalena Occidental. Angliæ, vireſcens, lineis obliquis albeſcentibus. This rare Moth from the Weſt of England.

12 Muſcus Ceranoides *Palmenſis* comis digitatis, Orchili dictus Muſ. Pet. 436, the ſame which grows in the Canary Iſlands and Ferro, on the Rocky Mountains where they call it Oricelle and the Arabians Serth, with which they give a fine Dye to their Spaniſh Leather Hiſt. Lugd. p. 175. lin. 13, from Palma one of the Canary Iſles, ſays they call it there Orchili, and uſe it for Dying.

Tab. 8. Fig. 1. EUpatoroides Capenſis capitatus:

2 Perſicula guttulis croceis lineata. an Buccinum Perſicum parvum, maculis rufis denſe depictum Liſt. H. C. I. 4. Sect. 11. Tab. 803. Fig. 10.

3 Concha Veneris parva, fulva, circulis albis. an C. V. parva, ventre & lateribus albidis, dorſo ſubflavo, albis majuſculis & ſphæricis diſtincto Liſt. H. C. I. 4. S. 9. Tab. 695. Fig. 42. Buff. Leopard Cowry.

4 Rhinoceros Luſitan. niger ſplendens vaginis ſtriatis. an Scarabeus Rhinoceros 3. Aldr. Inſect. 451. Tab. 2. Fig. 3. id. Fr. 179. col. 1. Tab. p. 178. Fig. 3. The Beetle Figured on the Right of the Cervus volans in Imperatus, p. 694, from Liſbon.

5 Capricornulus Norwegicus vaginis marmoreatis, antennis brevibus. This and Fig. 9. from Norway.

6 Scarabeus Capenſis pilofus vaginis rubris, plurimis punctulis albis aſperſis. This elegant Beetle from the Cape.

7 Phalena plumata permaxima Orientalis oculata Muſ. Petiver 729. Goliah, from the Straits of Sunda.

8 Capricornus Ruſſicus cinereus, cornubus longiſſimis. Scarabeus [illegible] Ruſſia Moſc. 151. Fig. id. Angl. 1007. Fig. and 1008 Defer. from Muſcow and in London.

9 Cancrelio Norwegicus niger, ſignaturis, flaveſcentibus aſperſis.

10 Perſicula lineis croceis circumdata an Buccinum Perſicum parvum, faſciis rufis denſe depictum Liſt. H. C. I. 4. Sect. 11. Tab. 803 Fig. 9? This has Lines inſtead of Specks, in which it differs from Fig. 2. above.

11. Cimex ſuccinatus pedibus aliſque nigerrimis.

12. Ilago Capenſis minor ſpicata. This has the face of our Engliſh Cudweed but much leſs.

Tab. 9. Fig. 1. TEſtudinulus Philippenſis luteus, nigro maculatus. The Luzone Turtle Lady, I thus call it to diſtinguiſh it from Fig. 3. in the next Table.

2. 3. Aurelia & Erucago Ejuſdem, after the Deſigns the Rev. Father Camel ſent from Manilla.

4 Buccinulum dentatum Mediterraneum, ſtriis faſciatis maculatum. an Buccinum dentatum parvum, leviter ſtriatum variegatum ventricoſum Liſt. H. C. I. 4. Sect. 11. Tab. 823. Fig. 42?

5 Papilio Angolenſis ex pullo alboque mixtus, from Angola.

6 Alga tubuloſa albida navibus adhærens. This I found plentifully growing to a Ship's Side in the Thames.

7 Concha Veneris minor, maculata & oculata. nobis. C. V. parva, latiuſcula, paululum gibboſa, ventre maculoſo dorſo, fuſco & albis innumeris & paucis nigris puncturis depicto Liſt. H. C. I. 4. S. 9, Tab. 696. Fig. 43.

8 Cato Similis volans Cameli. The Flying Cat-Money. See its Deſcription in the P. Tranſ. No. 277. p. 1065. 1. This ſtrange Animal is found in the Philippine Iſles, its uſual Abode is on Trees.

9 Balanus compreſſus albus, ſex fiſſuris ſulcatus. nobis, Act. Phil. 255. p. 10. This odd Shell from the Iſle of Aſcenſion.

10 Papilio albus Angolenſis apicibus miniaceis, from Angola, and Wida.

11 Papilio Capenſis flaveſcens verſicolor, apicibus nigreſcentibus. This ſingular Fly from the Cape, the ground of its Wings are yellow, varying with a Philamot Hue, if at a certain Poſition between you and the Light.

12 Tipula Londinenſis anguſtiſſima. This I have obſerved on ſome Ponds about London: It's much ſlenderer and leſs than the common Water-Spider.

13 Tipula Hamſtedienſis brevior, ex croceo variegata. I have as yet met with this only in ſome Ditches about Bell-ſize.

24 Alga verrucoſa Capenſis.

Tab. 10. Fig. 1. MElilotus Suratenſis minimus.

2 Hemiſphæricus Luzonicus luteus, nigro inſignitus. Here are repreſented the different changes of this Cow-Lady, after Father Camelli's Deſigns

3. Anguis *Capenſis* tricolor. The back of this is red, the Sides yellow, and the Spots black. I figured this from a Painting from Riga.

4 Scarabeus elaſticus major *Americanus*, capite bimaculato. Act. Phil. N. 246. p. 396. 13. and Scarabeus colore griſeo, ſcapulis binis quaſi oculis nigris, mollitie pubeſcentibus notatus Act. Phil. No. 271. p. 812. 32. The Velvet-eyed Virginia SnapBeetle. See its Deſcription with Mr. Baniſter's Remarks and mine in the two aforeſaid Places.

5 Perſicodes argentea, maculis nigris.

6 Pa-

6 Papilio Sulphureus, lunulis cærulcis, nigris lituris insignitus. This exactly resembles our English Brimstone Butterfly Musnost. No. 1. were it not for those black Spots, and apparent blue Moons in the lower Wings. This is the only one I have yet seen.

7 Coccothraustus Capensis ruber, rostro hiante, è Picturis D. Krieg. The Cape-Cardinal. This in colour and shape resembles the Virginia red-bird or nightingale, in Mr. Ray of birds p. 245. Tab. 44. Fig. 2. But what is peculiar to this is its cleft bill.

A. 8. Buccinulum fluviatile heterostrophon. I have met with these in some ponds and ditches about London.

9 Papilio Surinamensis caudatus minor, verruculis ex aureo argenteis, subtus eleganter aspersis. This butterfly with Fig. 6. lately received with 3 or 4 other Surinam flies.

10 Muscus Scoticus Corallio incrustatus. Got in a fresh river near Clacmannan on Forth a few miles of Stirling.

11 Planorbis minor fluviatilis acie acutâ. Cochlea fusca limbo circumscripta List. H. C. l. 2. Tab. 138. Fig. 42. Cochlea fusca altera parte, planior & limbo insignita, 4 spirarum L. A. Angl. Hist. p. 145. Fig. 27. I have observed this in several little rivers about London.

12 Coralloides Philippensis cærulea punctata, from the Philippine isles.

DECAS SECUNDA. TAB. XI.

FIG. 1. Lichen *Madraspatanus* Algoides, marginibus verrucosis.

2 Lusta *Malabarica* reticulata, fructu decorticato. This is the pcel'd or decorticated fruit of the *Pedena* Hort. Malabar. Vol. 8. Tab 7. pag. 13. I have given the synonyms and vertues of it in the P. transact No. 277. p. 1061. pl. 239. from Persia.

3. Cochlea oblonga striis flavicantibus nigris.

4 Nerita *Barbadensis* instar plumæ elegantèr maculata, a very beautiful shell, varies much in colour and spots.

5 Buccinulum *Madraspatan* edentulum, è nigro alboque fasciatum.

6 Plan-orbis pulchrè undata, ventre claro albido. an Trochilus planus subfuscus opere quodam vermiculato, ex toto depictus List. Hist. Conchyl. lib. 4. Sect. 8. Tab. 651. Fig. 48.

7 Myrtus *Guinensis* lysimachiæ folio.

8. Papilio Luzonicus maximus nigrescens, maculis coccineis subtus perbelle notatus S. B. 6. 6. seu Act. Philosoph. No. 277. p. 1066. 6. where you may see it described. This is a large and very beautiful insect, and is distinguish'd from others by its deep scarlet spots which in the figure are exprest in white.

A. 9 Papilio minor fuscus, subtus striatus. The hair streak. This being brown both above and below, perhaps differs only in sex from Mr. Ray's purple streak Mus. nost. 319. which is purple above and much paler than this beneath.

A. 10 Papilio minor fuscus, duplici lineâ inferne præditus. The brown double streak. This and the last are very rare flies.

A. 11. Papilio minor fuscus, campo aureo, lineâ geminâ subtus ornatus. An Hoef. Tab. 12. Fig. 1. The golden brown double streak. This and the last may be male and female. Caught Aug. 31, 1702. near Croydon.

12 Ornithopodium *Madraspat*, Bupleuri folio. this with Fig. 1. from Fort St. George.

Tab. 12. Fig. 1. PRrosscarabeoides *Capensis*, singularis, pedibus plumosis. This very odd insect with Fig. XI, from Mr. Sherard's cape paintings. The legs, head, shoulder and sides of a fleshy colour, the middle of the back yellow.

A. 2 Testudinarius *Hampsteadiensis* tetramaculatus, observed but once in Cainwood near Hampstead.

3 Tagetes *Chinensis* fol. undulatis, fl. duplici, rad. Cordiali. Herb. nost. Chin. Tab. 27. Fig. 3. This is that wonderful plant in P. transf. No. 280. pag. 102. the Chinese value it from Ten Tael to one or two thousand a single root according to its bigness: Each Tael is reckoned at about 6s. 8d. By drinking its infusion for some time they affert it prolongs life, and turns grey hairs into black. An odd tradition of its first discovery is related in the said transactions.

4 Auris *indica* non perforata.

5 Bombylus *Lusitan.* è nigro cærulescente, from about Lisbon.

6 Scarabeus impennis rotundior *Capensis*.

7 Concha Ven. parva, undata, apicibus purpureis bimaculata.

8 Papilio *Surinamensis* ex aurantio nigro luteoque mixtus, from Dr. Ruysch.

9 Accipitrina *Lusitanica* perbelle striata, from Lisbon, caught flying about a candle in October 1698. its Eyes, whilst alive, are like rubies. It frequents the Jasmin flowers.

10 Papilio è fusco & albo eleganter. mixto, à Promontorio Tricuspidato. Caught at Cape tres puntas on the coast of Guinea.

11 Araneoides *Capensis* fasciata, lutescens, pedibus è nigro maculatis. The body whitish, but the swathes about it, and the legs yellow, the last spotted with black.

12 Grus *Capensis* caudâ crista tâ. The bill of this beautiful crane is partly yellow, his crest and eye lids red, that part of his head above and below his eyes blue, as are the edges of the feathers on his body, the rest white, the feathers of his tail, (if rightly painted) are alternatively red and blue.

Tab. 13. Fig. 1. PApilio *Jamaicensis* è fusco lutescente, subtus virescens croceo mixtus, nobis. Baker insect. Tab. 1. Fig. 8 Dorf.

2 Scorpio *Javanicus* major pilosus, è nigro cærulescente splendens. nobis. Scorp. Zeylanicus niger maximus Mus. Sibbald. Sc. 16. Indicus niger, magnitudine Cancrum fluviatile æquans Mus. Leyd. 144. id. min. 56. Ghomissa Zeylon: an S. è Barbaria Moss. 205. Fig. 204. & append. p. 330. ad cap. 18. id. A. 1649. an Sc. de Tenis Mus. Cospian.

The accurate Swammerdam in his history of insects edit. Lat. p. 147. Tab. 6. gives a Figure of one somewhat like this, but bigger, and seems particularly to differ in having but three joynts in the tail, and ours five to fix as the lesser have.

Bontius in his Hist. Natur. & Medic. lib. 5. cap. 4. p. 56. seems to mention this, where he says Scorpiones quoque copiosos & grandes fert hæc India (i. e. *Java*) vidi enim qui partem quartam ulnæ implerent, coloris è nigro cyanei & splendescente, which shining and colour this has, from Fort George and from the coast of Guinea,

3 Scolopendra *Capensis* major lutescens, caudâ longiore.

4 Lichen viridis foliis dentè stipatis, extremitatibus bifidis vel trifidis, about Tunbridge.

5 Scarabæus *Alpensis* pilosus viridis, lineis albicantibus punctatis, from Scanderoon, caught Apr. 28, 1690.

6 Scarabæus *Gallicus* è nigro croceoque mixtus, s. Cruciatus minor, observed about Paris.

7 Locusta-Talpa *Capensis* pedibus longis. This comes next of Kind to our Gryllo-Talpa, or Mole-Cricket, but its Feet are longer, and the body partakes more of a naked locust, or large Grashopper. It's painted with a mixture of ash and dark, or dirty colour.

8 Tellina *Madraspatana* fasciata & undata. an Tellina latior fasciata & undata quadam pictura conspicua List. H. C. l. 3. Tab. 378. Fig. 221.

A. 9 Scarabeolus niger nostras supra aquam velociter circumnatans. The Water-Flea.

I observe this very common all Summer in most ditches and grassy ponds about London; it swims on the water very swiftly in quick turnings, and somewhat circular motions, generally several together.

10 Vespa *Virginiana* impennis ex nigro rubroque mixta Act. Phil. No. 271. p. 868. This wingless wasp I have had from Virginia, Maryland, and Carolina.

11 Cercopithecus *Luzonis* minimus D. Camel. Magu vel Boot Indorum. This feeds on the Prickly Pear, and other Fruit, it rarely appears in the day time, whence its thought to be dimsighted. When it suckles its young, it ties it to its body, as exprest'd in the figure, with the twigs of a twining plant call'd Pamago.

12 Nerita *Jamaicensis* ex albo nigroque tessellatus an Nerita profunde sulcatus ex albo nigroque variegatus paucis & exiguis dentibus ad columellam, ad rostrum multis & longa deductis List. H. C. l. 4. S. 6. Tab. 597. Fig. 9. This pretty shell is on the shores of Jamaica and Barbadoes.

Tab. 14. Fig. 1. A Splenium Philippense, foliis aduncis, viminibus adnascens. Polypodium falcatum Cameli. Bocalas Indis. This adheres to trees by its hoary fibres, as our Virginia creeper does to walls by its tendrels.

A. 2. Numisma Inaugurale *Annæ Reginæ* Brit.

A. 3. Phalena minor nostras fulva, alis limbo nigro insignitis. I never but once observed this Moth, viz. May 3. 1696. in a broom-field by Sir W. Hicks's wood, Hackney Marsh.

A. 4 Musca oblonga nostras nigra, on Hedges April and May.

5 Phalena plumata *Mariana*, caudata, virescens, oculata Mus. Petiv. 733. This elegant moth from Maryland, Chusan, and Fort St. George.

A. 6. Lichen arboreus albescens, segmentis cornigeris, subtus alterrimus. from Norway and Tunbridge.

A. 7 Cimex niger nostras, albo maculatus. an List. in Goed. app. Tab. 5. Scarab. Angl. Fig. 8? I have seen it in the Spring, on sunny banks.

8 Lacerta *Mariana* undata, subtus cærulea. This is a rough scaled lizard, with blackish waved lists on the back, blue on the chin, and each side of the belly, from Maryland.

A. 9 Papilio oculis nigris, subtus marmoreus Mus. *Petiv.* 327 The Tunbridge Grayling. Very rare about London.

10 Trochus fasciis verricolis è rubro albo nigroque alternatim perbelle distinctus. an. Trochus dentatus ruber nigris puncturis seriatim distinctus List. H. C. l. 4. S. 8. Tab. 637. Fig. 25. an Cochlea Pharaonia Piscatoribus Maris Rubri Mus. Cospian: Roman. 141. Fig. magn. p. 222. 3. per Microscop. auct. an Umbilicus varius *Rom.* aq. 104. c. 39. Fig. id. Gall. 70. c. 23. Venus Bugle.

A. 11. Papilio croceus, apicibus nigricantibus Papilio s. Mosc. 100. Fig. Dor. & Lat. id. A. 968. *Jonst.* Insect. p. 41. Tab. 6. Fig. 5. an Hoef. Tab. 9. Fig. 6. The saffron butterfly. I have observed this formerly, but 'tis uncommon, and rarely met with.

12 Buceros max. Rhinocerotis niger, *Borneacus*. an Scarabeus Buceros Nasicornis 1 Hoang Luzon. Cameli. This elegant large Beetle, from Borneo.

Tab. 15. Fig. 1. LIbella Mariana media compressa, corpore cærulescente, nitibus latis medio alarum. This and the next from *Maryland*.

2 Libella *Mariana* media, corpore flavescente, trinubilata I take this, and the last to be Male and Female.

A. 3 Byssus aureus *Derbiensis* humifusus. This elegant Moss from the Peak of Derby, in a lane joining to the field where the marvellous Stones are, about two miles from Eldenhole on the way from thence to Buxton-Wells.

A. 4. Fungellus gramineus *Northamptonienss*. Dr. Sloan observed this little Mushroom springing from the leaves of dead grass,

gnis in September, on Shepherd-hill near Althorp, the ſeat of the Earl of Sunderland in Northamptonſhire.

5 Conchæ Veneri affinis, albus, medio annuloſo. Concha utroque latere ſe colligens exotica Col. Purp. c. 20. Fig. p. 30. Concha cujus medio velut annulis circumjicitur, Liſt. H. C. l. 4. S. 9. Tab. 711. Fig. 64. an Bonan. 145. Fig. 249. ſ. p. 162. Fig. 339? Common in Jamaica & Barbadoes.

6 Lacertus *Guinenſis* major, verruculis nigris albiſque venuſte oblitis. A harmleſs and very beautiful lizard found in Guinea where they call it Pompom.

7. Cicada *Turcica* media, in Chio and the neighbouring iſles, where they ſing on trees.

8 Nerita *Jamaicenſis* alba, parva, ſtriis caſtaneis. an Neritæ exiguus nigrolineus, ore ſubcæruleo. Liſt. H. C. l. 4. S. 6. Tab. 605. Fig. 31, with many more from Dr. Sloan.

9 Papilio *Carolin.* Aurantiacus, maculis albis, limbis & venis nigris, faſciâque ſingulari ala inferiori cincta, from Carolina.

A. 10 Scolopendra parva terreſtris tardipes, junctura bipedilus.

11 Rhombus faſciis ex albo nigroque catenatis, an Rhombus cylindro pyramidali, lineis ex rufo alboque interjectis circumſcriptus, clavicula paululum exerta Liſt. H. C. l. 4. S. 10. Tab. 763. Fig. 12.

12 Papilio *Livornicus* ſupernè nigreſcens, inferne aureus, faſcia alba utrinque inſignitus. The White Leghorn Admiral, firſt from Leghorn and London.

Tab. 16 Fig. 1 RAdix *Viziagapatana*, fuſca, ſulcis rhomboidibus Telle Molle dicta, this odd root from *Viziagapatan.* good againſt the ſtinging of ſerpents.

A. 2 Gemma Turcica in Hæmatite ſculpta, from Smyrna. It repreſents an old man reaping corn.

3 Unguis *Madraſpat.* fuſcus, ſtriatus, ſubtus, rubicundus. This figure ſhews the inſide which is of a bluſh red, the outſide is brown, and finely ſtriated.

4 Tavarascare *Malabar.* fl. albo, folio Nerii Leſſore. nobis. Manga fructu venenato, oſſiculo corditormi, nucleo gemino Raii H. Pl. 1552. c. 20. Odallam Malab. Uro Bram. Hort. Mal. V. 1. Tab. 39. p. 71. Fl. Mal. 192. 1. id. Fol. I cannot believe with Dr. Syen the Commentator of this firſt volume, that this is the wild or poiſon mango as he aſſerts; for had it that deadly quality the experienced Malabars would have found it out, which they take no notice of.

5 Tavarscare *Madraſpat.* minor, cortice tenuiſſimo. This is a ſmaller ſort of Coccus de Maldiva found on the ſhores of Fort St. George. I take this to be the Fruit of the Lac Tree, the deſcription of it in the Hort. Malab. cited under Fig. 4. very much agreeing with it.

A. 6. Stella *Hibernica* echinata. Echinaſter ſeu Stella coriacea pentadactyla echina D. Lhwyd; an Stella pectinata Rondel aq. 120. c. 12. Fig. 9, found near Slego in Ireland, and Penſans in Cornwal.

7 Phalæna Chuſan. flava, ſignaturis nigricantibus. This ſingular moth, from Chuſan in China.

8 Stellula *Hibernica* glabra. Aſteriſcus ſ. Stella pentadactyla exigua. Canis marini corio utrinque munita, found at Bendroufe, in Donegal, Ireland.

9 Chama *Madraſpat.* alba, undis caſtaneis, from Fort St. George

A. 10, Papilio Fritillaricus minor. Muſ. noſt. 324, about Cambridge, but rare about London.

A. 11. Phalæna *Cantabrig.* nigreſcens, quatuor albis maculis aſperſa. This elegant moth I have caught in Cane Wood near Hampſtead-Heath, but very rarely.

12 Anguis *Capenſis* argenteus maculatus, ſtreak'd with blewiſh ſilver, along which are many ſmall ſpots.

Tab. 17. Fig. 1. REtrochulus parvus Italicus. an Cochlea alba umbilicata, limbo acuto circumdata, clavicula omnino anâ compreſſâ Liſt. H. C. l. 1. Tab. 64. Fig. 62. This is a ſmall Trochus reverſt, having its head flat and belly raiſed. Dr. Sherard found it about Rome.

2 Phalena *Mariana* argentea minima, nigris maculis aſperſis.

3 Siliquaſtrum *Rigenſe* Limacis cinerei facie Muſ. Pet. 843. This reſembles our ſmall ſlug, and like it, is whitiſh below, but browniſh above, found about Riga.

4 Buccinulum *Perſicum* olivare. an Buccinum ? orbiculum leviter umbilicatum, mediis orbibus paululum tumidis Liſt. H. C. l. 2. Tab. 108. Fig. 1. from Perſia.

5 Simia Sciurus lanuginoſus fuſcus, ex *Joannæ* inſula. an Cercopithecus Indicus Bugee dictus Raii Synopſ. Animal. 158. The wool of this is brown, ſoft and curled like that of a lamb, it has ſeveral properties of a ſquirrel, ſitting often upright when it eats, which generally is done by his inciſores, and reflecting his buſhy tail. This ſtrange creature is now alive (viz. May 1703.) at Mr. Dottins a druggiſt, who had him 12 months ſince from Joanna. His Delineation by W. Cowper.

A. 6. Cochleola alba faſciata *Cantabrig.* umbilico parvo. an Cochlea alba leviter umbilicata, pluribus faſciis circumdata, clavicula productiore Liſt. H. C. l. 1. Tab. 59. Fig. 56, from New-Market-Heath near Cambridge.

7 Phalena *Mariana* percruciata.

8 Phalena *Mariana* fulveſcens cruciata, a kind of the laſt, but the croſs goes not to the edges of the wings.

A 9. Pectunculus minimus lævis, intus argenteus, cardine ferrata Muſ. Petiver 841, Silver Cockle. On our coaſts.

10. Taggee *Guinenſibus*, Radix forte tra[illegible] generis, A root of a ſort of Cyprus, has a thin ſkin, and eats as pleaſant as an almond: from the gold coaſt in Guinea.

11. Scarabeoides *Marian*, exiguus, vaginis luteſcentibus, ſtriis nigris diſtinctus. Its Shoulders are yellower than the Sheath wings, its Horns very fine, long, black, and jointed.

12. Phalenoides Apiformis *Marian*, ſplendor nigreſcent, argentes maculis eleganter aſperſis. This ſingular inſect, with the laſt, and Fig. 2. from Maryland.

13. Filicula è Gallipoli villoſa, Aſplenii facie, an Lonchitis aſpera Ilvenſis Lugd. 1221. Fig. an Lonchitis folio Ceterach C. B. 359. 3. under which name he hath confounded four if not more plants together, ſent by the name of Ceterac, there being ſome amongſt it from Gallipoly.

Tab. 18.

FIG. 1. Buccinum nigreſcens, maculis albis aſperſis, ore gibboſo purpuraſcente.

A. 2. Cochleola fluviatilis, gyris alte inciſis. I have obſerved this in freſh water, and if I miſtake not, in the New River.

3. Phalena maxima *Chuſan*, obſcure fuſca, marginibus eleganter undulatis. This large elegant Moth, from Chuſan.

4. Tellina parva radiata intus omnino purpuraſcens. Theſe are pretty common in Rock-work,

A 5. Buccinum *Cornubienſe*, è Caſtanco & albo faſciatum, Dells Winckle: Lands-end, Deal and Dover.

6. Sidereon ſive Serpentaria mirabilis montana Kieg. Phyt. Curioſ. Fig. 213. Berg-Slangen Kruyd Belg Munt. Herb. p. 751. cap. 330. This very odd Plant is ſaid to grow on the mountains of Stiria and Hungary.

7. Cardamomum Luzonicum Coniforme Ticala dictum.

8. Cochleola oblonga fluviatilis, an Cochlea parva ſubflava intra 5 ſpiras finita Liſt. H. An Angl. p. 135. Fig. 19. an Cochlea parva pellucida, operculo teſtaceo cochleatoque clauſa Liſt. H. C. l. 2. Tab. 132, Fig. 32. Oval, and not above half an inch long, I find them in the Thames and New-River.

A. 9. Cylindras lapideus Byerleus compreſſior Echini facie, acetabulis majoribus oblongis, è puteis Carbonariis, found in the Coal Mines near North Byerly Yorkſhire.

A. 10. Papilio *Lincolnienſis* Fritillaricus, faſciis ſubtus pallidis, The Lincolnſhire Fritillary, near London.

A 11. Cylindrus lapideus Byerleus compreſſior Echinitæ laticlavii maximi facie, acetabulis rotundis è puteis Carbonariis R. Richardſon, Obſerved in the ſame place with Fig. 9.

12 Ostrea Ulyſſiponenſis minor rugoſa; Lufon Oyſter.

Tab. 19.

A. FIG. 1 Schiſtus Byerleus impreſſis reticulatis, from Byerly Yorkſhire.

A. 2. Scarabæus arboreus major Caſtaneus, the great brown-tree-chaffer, Goed. 178, Tab. 78, Liſt in Goed. 265, Fig. 111, id. app. Scarab. Angl. Tab. 1. Fig. 1. an Scarabæus arboreus Muſſ. 160. Fig id. A. 1014, Gr. V. 1 p. 9. Tab. 4. an Hoef. Tab. 16, Fig. 12, ah Aldr. Inſect. Tab. 5. Fig. 2, p. 453, id Fr. 178 Jonſt. Inſect Tab, 14. The Dorr or Hedge-Chaffer, Muſ, Regal, Soc, 168, Very common all the Summer.

A. 3. Phalæna *Occidental*, ſulva, trifaſciata.

4. Phalæna faſciata perelegans, extremitatibus ſerratis. an Goed. 155, Tab. 67. Liſt. in Goed. 81. Fig. 30. id. A. 38. The Purfeloe, in Kent.

5. Sagittaria *Chinenſis* foliis ternis longiſſimis Herb. noſt. Chin. Tab 12. Fig. 3. Sa heo chaw Indigenis.

6. Ranunculus globoſus *Chinens*, fl. pleno Aurantiaco, Witting te hoa. Herb. noſt, Chin. Tab. 18. Fig. 18. This beautiful plant, would be a fine Ornament in our gardens.

7 Calceolus *Philippens*, pumila, Plantaginis folio rad Alexipharmaca, an Katſula Kelenga Malab Capura Catari Bram. Hort. Malab. V. XI. Tab. 41. p. 81. Doſo aut Duſu Luzonenſibus, in Samar & Leyte Gozol. Sinæ Sanday & in Jucatan Scabal chan i. e. Reginam Plantarum vocatur. This Sovereign plant I have figured from a deſign of the Reverend G. Joſ, Camel, from one ſent to Mr. Ray and me, from the ſhady moiſt places on the dewy Mountains of Silan.

8. Arbor *Manilenſis* Juglandis folio pentapetala, cortice Emetico, Manangtang Indigenis or Jail deliverer, aliis Tambal ſeu medicina de Carigara, ubi abundat. A Dram of the innermoſt or third Bark of this tree, is given in powder as a very ſucceſsful Vomit in Fevers; ill habits, and the Dropſie: it alſo expels Poiſon, and brings away Worms. I received this from the famæ hand, with the laſt, it grows plentifully in many places of the Philippines.

9 Cylindrus *Madraſpat*, medio nervoſo, clavicula carneâ, an Rhombus ventricoſus, callosâ columellâ Liſt. H. C. l. 4. S. 10. c. 3. Tab. 729. Fig. 10? This and the two next the Rev. Dr. G. Lewis ſent from Fort St. George,

10 Buccinum *Madraſpat*, nodoſum, ſtriis faſciatis,

11 Tellina *Madraſpat*, triquetra, medio faſciata, extremitatibus teſſulatis,

A. 12, Entrochus *Septentrional*, major compreſſus,

Tab. 20, Fig. 1, NOdiſlora Manilenſis Onobrychidis folio, Rutæ odore; Rota Luzon, ſylveſtris ſpicata Camel,

2 Amomum verum Encalada, This is figured from a deſign which P. J. Encalada ſent to Father Camel, from whom I had it, The Caſſamuniar very much reſembles it, which I have given a Figure of in my third Decade, Tab. 27,

3. Hemionitis Luſon, i. e. H. minima vario and gratioſo folio Camel. It ſports variouſly in its Leaves, and grows about a Span high.

4. Trochus *Indicus* è rubo & pallido variatus. Brought me by Mr. Stocker from the Bay of Bengal.

5. Macer

5. Macer veterum Raii, Hiſt. Plant, 1779, c. 1, This ſtrange and much deſired tree, the Bramin Phyſicians call Macte, and the Malabars Arbore de Sancto, Avicen ſays the Arabians call the bark of the root Taliſafar, and all the Indian Phyſicians uſe it with wonderful ſucceſs in dyſenteries, and other Fluxes, It's ſaid to grow in divers parts of the Eaſt-Indies.

6 Piſcis Braſilianus cornutus. The American Toad-Fiſh. Willughbeii Hiſt. Piſcium p. 90. c. 3, Tab. E. 2. Fig. 1 Guaperva Braſil Marcgr. 150. Fig. Jonſt. Piſc. Tab. 36. Fig. 6. p. 40. Deſc. Pira Utoewah Laet Gal. 510. Fig. The Braſil Toad-Fiſh, found on the ſhores of Braſil. &c.

7 Bagre Braſiliana, corpore maculato. Bagre 2 Will. Hiſt. Piſc. Tab. H. 7. the deſcr. Bagre 4 Jonſt. Piſc. Tab. 36. Fig. 4. p. 143. deſcr. Bagre alia ſpecies ſ. ultima Marcgr. 174. Fig. & deſc. Curui 1. Piſon. Ed. 2. p. 63. Fig. It's a very wholſome Fiſh, and found plentifully in Braſil.

8 Carabus *Bengalenſis* è cupreo virescens.

9 Cochlea inverſa, dentato ore. Cochlea variegata 7 dentibus donata ſcilicet 2 in fundo oris & 5 ad labrum clavicula inverſa Liſt. H. C. L. 1. Tab, 99. Fig. 100. Cochlea turbine antico. The Fore whirl'd Snail The Coptic Turvy snail.

10 Cancer Agathenſis tetra variegata, an, ex, 22, Tab, 6. Fig. & Tab. 7. Fig. 13. Rondelet's Marble Crab. This he no where obſerved but on the rocky ſhores of Agde in Languedoc.

11 Cancer Lerinæ Inſulæ chelis curtis ſed cruribus longis. Geſn. nom, ap, 207, Fig, 1, id Hiſt, aq, 186, Fig, 2, id, Fr, 158, Fig, 2, The ſhort clawed Lerina Crab, rarely met with, but on St, Honorat an Iſland called Lerina near Antibes in Provence.

12 Lacertus ſquamoſus minor ſetulis aſperſis, an Demon Thebanicus junior ad ſingulas ſquamas pilis inſtructus ſive ſquamatus Thebanicus Muſ. Leyd. Maſ. N° 295.

DECAS TERTIUS. TAB. XXI.

FIG. 1. Cathedra Naturalis, è Radice Theæ mirè contexta or tea-root ad Inſula *Chuſan*. This wonderful elbow chair the New East India company preſented to Lord Somers, who gave it to the Royal Society.

A 2 Schiſtus *Byerleus* quadrangulariter impreſſus.

A 3 Cochinella *Anglica* vulgatiſſima, ſeu rubra 7, nigris maculis notata Hollar, inſect. Tab. 7. Fig. 8. id. liſt in Goedart 268, Fig. 112 id, Angl. 108, N. 112, met with moſt part of ſummer.

A 4 Cochinella *Anglica* bimaculata, s. minor rubra, found with the laſt, but more rare.

A 5 Cochinella *Occidentalis* o longa, rubra, tetramaculata. the only one I have yet ſeen.

6 Cochlea *Jamaicenſis* depreſſa bidens, ex parte tantum: liſt, Hiſt lib. 1. Tab. 82. Fig. 87. an liſt. Hiſt. Animal. Angl. append, p. 45. Tab. 3. Fig. 1, 2, from Jamaica.

A 7 Squilla lacuſtris minima, dorſo natante, in the Spring, in the ponds on the common between K. Henry's walks and Kings land, I have hatched them from the eggs.

8 Phaſeolus *Madraſpatanus* ſemine compreſſo nigro alboque eleganter ſtriato, an Cliabr. Icon, 140, Fig. 2, I. B. V. 2. l. 17 p. 267.

9 Phaſeolus *Madraſpatan*, minimus, Reniformis Bezoardicus. This and the laſt 2 beautiful Kidney-beans Mr. Bulkley ſent me from Fort St. George.

10 The Thea Shrub is here figured with its leaf, flower and fruit, to accompany the root above at Fig. 1, I have given the various Synonyms of this in the P. Tranſ. N. 286. p. 1428. 92.

11 Patella *Borneoca* auricularia tenuis, This odd ſhell from Borneo.

12 Stockerus *Bengalenſis* viridis nigro maculatus, This is a new Genus of the Beetle kind, the Vagina not being ſplit but intire, from under which it expands its membranaceous wings, as the figure expreſſes, which is its flying poſture, Mr. J. Stocker, being the firſt that ſhewed me this Species, I diſtinguiſh it from other kinds by his name.

Tab. 22. Fig. 1. FRUCTUS *Viziagapatan*, globoſus, hexagonus, cortice fuſco, Good in violent Fevers, and takes away the blackneſs of the tongue, covered with a thin brown ſhell, which peel'd off diſcovers a ſmooth fruit equally divided into 6 partitions, each of theſe has a thick woody incloſure, containing in the center a Ricinus like Seed, lying in a large Bed.

A 2 Lyra Harvicenſis, pinnâ dorſali longiſſimâ, maculis cæruleſcentibus, taken about Harwich, and preſented to the Royal Society.

3 Zerumbet Officinarum Dale Pharmac. p. 366. 9. F. Camel called this Zerumbeth, and others the Red Ginger of Ternate, by the Indians Pangaſam and Banglay, the Malabar Wild Ginger, Hort. Malab. Vol. xi. Tab. 13. p. 27. and that of Zeylon, See a large deſcription with its many uſes, great virtues, &c. in the appendix to Mr. Ray's 3d. V. of plants.

A 4 Scarabæus minor, Filicinus an Liſt Hiſt. An. Angl. app. Tab. 4. Fig. 3. Bracken-Clocks, So called in the North, becauſe found on the Brake, or Female Fern.

A 5 Curculio minor minimus. I found this at Epſom the laſt Spring, in company with Dr. Liſter and Dr. Breynius, Mr. Middleton Maſſey has obſerved it in December.

A 6 Scarabæus agreſtis oviparus, Melanocyaneus ſucco ſanguineo, the Bloody Egg Beetle. I have obſerved theſe of ſeveral ſizes, and when taken they ſpew out a bloody Liquor, Liſt. H. A. A. ap. Tab. 4. Fig. 14.

7 Fox his Bengal Beetle, body green, the round ſpots yellow, the others red with a yellowiſh border. Mus. noſt. 706.

8 Papilio *Ind. Oriental.* fuſcus margine cæruleo, ſubtus Marmoreus, an elegant Butterfly.

9 Scarabæus pectinatus minor villoſus, the hoary Chaffer. Liſt. H. A. A. ap. Tab. 4. fig. 2. hoary, and leſs than Gaz. noſt. Tab. 19. fig. 2. rarely met.

10 Trochylus *Monſpeſſulanus* exiguus, faſciatus, pyramidalis, Liſt. Hiſt. Conchyl L. 1. Tab. 61. fig. 58. Liſt. H. A. A. p. 45. Tab. 3. fig. 12. This elegant ſhell is frequent about Mompelier.

11 Buccinum *Barbadenſe* perelegans faſciatum, Buccinum 7 orbium faſciis fere bicoloribus, interdum tricoloribus Iridis inſtar depictum Liſt. H. C. l. 1. Tab. 15. fig. 10. from Dr. Liſter with the laſt.

12 Schiſtus *Byerleus* Caucaloides, theſe Ovals ſeem rough like the Seed of Caucalis or Baſtard Parſly.

Tab 23. Fig. 1. ZEdoaria Officinarum, this the Indians call Damogcanſi, it very much reſembles the Gaidoar or Cedwar and Turmerick, but is diſtinguiſhed chiefly in its Leaves, this having a browniſh ſtreak along the midſt of each, which the others have not. Ray Syllab, Camell. 23. 9.

2 Porus Spongioides Americana, here are 2 varieties of this, which perhaps may be the ſame, the firſt or bifurcated flat one is purpliſh, both externally and in the middle, and many of its pores are deeply made, the other is roundiſh, pale without, except the ſpots, which are blackiſh, and rarely perforated, the inner pith like the laſt is purpliſh.

A 3 Scarabæus Ceros, niger, antennis pectinatis, an Bouceros vel Tauroceros Moſt. 152. fig. 2. id. Angl. 1008. on Hampſted heath in the Spring.

A 4 Scarabæus ſpadiceus, cornibus ferratis pediculis nigris an Liſt. H. A. A. ap. Tab. 4. fig. 5? About Midſummer in the Phyſick garden at Oxon: alſo about London.

5 Avicula *Chinenſis* è cærulea, alba & nigricante mixta; Its Belly, Wing-ſhoulders, Collar, and about the eyes white, the reſt blue ſtriped with black; Back, Breaſt and Head, blue; this the Chineſe paint in their Pictures, Skreens, &c.

6 Spongia *Barbadenſis* alba Corallii facie, This is perforated, ſome few large enough to contain a Cherry-ſtone, in which I have found ſmall ſhells, and therefore I conceive made by them for their receptacles; the reſt which it's full of, are but pinholes, it may be blown through in any part, as you can through thin cloth, from Barbadoes.

A 7 Capricornulus *Norwegicus* ſcaber, coſtis nebuloſis, from Norway, and Box-hill in May, an Liſt. H. A. A. ap. Tab. 4 Fig. 8.

8 Papilio Alpinus, &c. Muſ. Pet. 502. Mr. Ray's Alpine Butterfly, the 3 clouds next the body, and the 4 ſpots in the under wings are deep yellow, the Eye-ſpots ſometimes reddiſh, the reſt white and black.

9 Mus araneus *Caperiſis* maximus, taken from a Painting of Dr. Sherard's, now conſul of Smyrna.

A 10 Scarabæus Viarius niger vaginis ſulcatis, I met with 3 or 4 of theſe, April 24, 96. in the path between Bromley and London, 95. nigh Cain-Wood.

11 Scarabæus Carnivorus niger, vaginis ſulcatis ac rugoſis, leſs then the laſt, ſhoulders and ſheaths rugged: I found them May the 3d. 1696. in the intrails of Pole cats and Weaſils on Sir W. Hickes common near Hackney.

12 Scarabæus pectinarius viridis, elytris quaſi fractis, the Roſe Chaffer, an Smaragdus vel Viridulus, found amongſt Roſes in June and July.

Tab. 24. Fig. 1. CHampacca *Philippens*, flore ac fructu ſtellato, See F. Camel's deſcription of it in the ap. to Mr. Ray's 3d. V. of Plants, pag. 83. 2.

A 2 Papilio Oculatus è fuſco aureo mixtus, umbrâ purpuraſcente, Mr. Dale's Purple Eye.

A 3 Papilio Oculatus è fuſco & flaveſcente mixtus. the Enfield Eye, having obſerved ſeveral of them on that Chace, and elſewhere, but not common.

A 4 Curculio major ſubcinereus undatus, Mr Dandridge gave me this large Beetle, found in the Spring about Greenwich and Woolwich in the Sand-holes of thoſe Pits.

5 Pectunculus lunulatus *Americanus* faſciis alte elatis, Liſt. H. C. L. 3. S. 4. Tab. 277. fig. 114? This ſhell has 6 or 8 high raiſed faſciæ, which take their beginning from the Heart ſide, but are not ſo elevated on the other.

6 Capricornus *Americ*, &c. Muſ. Pet. 708, The Campeachy Goat Chaffer, the ſheaths of this elegant Beetle are white, finely ſtreakt with gold and black, as if Japann'd.

A 7 Scarabæus impennis tardipes. The ſlow legged Beetle, Moff. 139, fig. id. Angl. 999. I met with theſe in Cellars and old houſes, it walks as if frozen, by which, and its having no membranaceous wings, it's eaſily known.

8 Ninzin & Genſing Officinarum Dale Pharm. 340. H. Ray H. Pl. 1338. Pluk. 181. 7. copied from a Painting of the Royal Society, the Root is eſteemed as a great Cordial and Reſtorative. It grows in Japan and China.

9 Ranunculus *Siculus* fol. rotundo ſex ſerrato, Ray V. 3. ap. 248. R. 4. Dr. Breynius gave me this which he gathered in the Phyſick-garden at Amſterdam.

10 Naſicornis Tauroceros *Marianus*, ſplendens, Caſtanei coloris Terra Marianæ Hiſt. noſt. Natural, ſeu act. Philoſoph, N. 271. p. 814. 45. Jones Mary-land Bull Rhinocéros, this of the comb-horn'd (i. e. antennis pectinatis) kind, and is very ſhining above.

11 Capricornus niger *Capenſis* ſulcatus, 6 albis maculis inſignitus, a very elegant Cape Beetle.

12 Sphondylus *Barbadenſis* parvus, alté ſulcatus, from Barbadoes, it oft varies in its ſhape, the tips of its hinges are always brown.

Tab. 25. A. Fig. 1. PHalæna alba parva *Occidentalis*, ſigmaturis marginibuſque nigris, this pretty Moth from the Weſt of England and the high chalky mountains near Ryegate Surry, July 1703.

A 2 Ichneumon minor, zonis obſcuris, this, the next, and fig. 10. I find in the Spring on ſeveral banks about London.

A 3 Ichneumon minor niger, zonis luteis, this is known from fig. 10. in having that part below the narrow waiſt black, with 2 ſmall yellow girdles parted in the middle.

4 Ranunculus *Pariſenſis* pumilus, Plantaginellæ folio Hort. noſt ſicc. Ray V. 3. ap. 248. R. 3 from about Paris.

5 Rana *Caroliniana* maxima, voce Taurino, the American Bull Frog, this is that great Frog Mr. Clayton mentions in the tranſ. N. 210. p. 125. and which Lahontan in his North America, p. 242. calls lowing Frogs.

6 Jacea *Capenſis* fol. parvo hirto capite viſcoſo Ray V. 3. ap. 245. L. 2 C. 63. from Dantzick.

7 Conophorus *Capenſis* Pini folio Hort, noſt. ſicc. Ray V. 3. ap. 243. C. 63. this rare plant from the Cape.

8 Tellinæ affinis *Jamaic*, lunulata, cuneo productiore, from Jamaica.

9 Pectunculus *Americanus* cordatus, faſciis craſſis, theſe faſciæ or Circles are thicker ſet, and nothing near ſo high raiſed as Tab. 24. fig. 5. from Jamaica.

A 10 Ichneumon minor, croceus, zonis luteis, this comes next fig. 3. but has an Orange liſt below the waiſt

11 Capricornus *Carolinianus* fuſcus pallido aſperſus, this ſingular Beetle from Carolina.

12 Phalæna *Occidentalis* coloribus & alis undatis, Glanviles tipt-Furbeloe, receiv'd it from her.

Tab. 26. Fig. 1. ONobrychis *Madraſpat*, nummulariæ folio, Barbareæ ſiliquis Hort. ſicc. Petiver, Ray Vol. 3 append. p. 247. O. 12. This is ſaid to pod in March.

2 Euonymus *Capenſis* ſpinoſa Hort. noſt. ſicc. Ray V. 3. ap. 244. E. 33 Euonymo affinis Æthiopica ſpinoſa, Lycii foliis & aculeis, fructu Euonymi Pannonicæ Cluſii grandiore Almag. Boran. Tab. 280. fig. 5. pag. 139.

3 *Phalæna* Phillippenſis cinerea, maculis flavis, corpore zonis ſanguineis interniixtis, Papilio polymitus omnium pulcherrimus Camel, fig. 26 inſecter. Mſs.

4 Onobrychis *Madraſpat*, nummulariæ folio, Ornithopodii ſiliquis Hort. noſt. ſicc. Ray, V. 3. ap. 247. O. 13. this differs very little from fig. 1. but its pods, which are ripe in June.

5 Araneus *Luzon*, Bovinus, from the likeneſs of its Horns, ſtanding almoſt ſtrait.

6 Araneus *Luzon*, teſtaceus trilunatus, this is mixt with yellow and black.

7 Araneus *Luzon*, cruſtaceus, cornu lunulato, mixt like the laſt

8 Araneus *Luzon*, teſtaceus anguſtus trilunatus, this is not only narrower than fig. 6. but the ſpots tho' of the ſame colour, are differently placed: Theſe 4 were copied from deſigns F. Camel ſent me.

9 Scarabæus *Philippenſis* praſino-aureus, maculis luteo-albicantibus, Cantharis Luzon, Cetonia Praſino-aurea Camel, Mſs. The belly is of the ſame colour, but not ſtriped.

10 Solea *Philippenſis* argentea, this is a flat edible Fiſh full of Scales, its 2 inches broad and a ſpan and half long, Silvery above and brown below.

11 Scarabæus *Marianus* minor fulvus, maculis nigricantibus aſperſis act. Phil. N. 246. p. 396. 9. (from Maryland which I have deſcribed in the ſaid Tranſ.

12 Ranunculus aquaticus Plantaginis folio anguſtiſſimo inſtit. Rei Herbar. 292. pl. 12 from Paris, where it grows wild, and flowers in July and Auguſt.

Tab. 27. Fig. 1. CAſſamunier Officinarum Ray V. 3. ap. 243. c 21. from Fort St George.

2 Olivaris ſtriata & faſciata, an Cochlea alba ventricoſa bidens ſtriis eminentibus exaſperata Liſt. H. C. l. 4. S. 5. c. 7. Tab. 588. Fig. 47. this in length and thickneſs rather reſembles Dr. Liſter's fig. 49. but if it does, his twirls are much broader than ours, and ſeems fewer.

3 Carpricornulus nigreſcens *Marianus*, undis & circulis flaveſcentibus ſtriatus. act. Phil. No 246. p. 397. 20. The Maryland Waſp Beetle.

4 Erica *Hibernica* fol. Myrti piloſis ſubtus incanis Hort. noſt. ſicc. 244. E. 20. Erica S. Dabeoci D. Lhwyd Ray Dend. V. 3. p. 98. 30. Erica Cantabrica Flore maximo, foliis Myrti ſubtus incanis inſtit. Rei Herb. 603. 5. Elem. Botan, 475. from Ireland in the places Mr. Ray mentions.

5 Papilio *Philippenſis* cæruleus, maculis ſubtus rotundis & triangularibus.

6 Papilio *Philippens*, oculis 7 oblongis ſimbriatus.

7 Scarabæus oblongus niger *Virginianus*, vaginis ſulcatis, dorſo plano nitente, act. Phil. 246. p. 396. 12. Marſhal's Virginia Chaffer.

8 Scarabæus *Marianus* viridis Rhinoceratos act. Phil. N. 246. p. 395. 7. the Maryland green Horn-Chaffer, diſtinguiſht from the next in having horns.

9 Scarabæus *Marianus* viridis acerátos act. Phil. No. 246. p. 396. 8. the Green Maryland Chaffer, both common in Maryland and Carolina.

10 Scarabæus *Luzonens*, elaſticus, vaginis ſtriatis, Dango Philippenſibus, you have both ſides of the Snap Beetle figured from Camell's deſigns.

11 Rhombus albus faſciis flavis & mæandris alternatim perbelle depictus, an Rhombus Liſt. H. C. l. 4. S. 10. c. 5. Tab. 786. fig. 35.

12 Alga *Philippenſis* carnoſa edulis Goſo dicta, it's tranſparent, yellowiſh, and of the conſiſtence of Gum Tragacanth, Ray Syllab, Camel, pag. 42. 12.

Tab. 28. Fig. 1. PApilio *Surinamenſis* maximus, ſubtus perbelle oculatus ac marmoreatus, I find it amongſt Merian's figures of Surinam inſects.

A 2 Phalæna Sulphurea, nebulis rufeſcentibus, ſeen about London, but not common.

3 Scarabæus pectinatus *Luzon*, aureo-ſmaragdinus.

4 Rhombus *Indiæ Orientalis*, ſpatiolis, catenis faſciiſque flavis, cætera albus, Liſt. H. C. l. 4. S. 10. Tab. 780. Fig. 27.

5. Capricornus *Luzon*, ex atro & aureo mixtus, this elegant Beetle, with fig 3. F. Camell ſent me deſigns of.

6. Avis *Philippenſis* galeâ planâ, Calao Luzonenſibus, See an accurate deſcription of this wonderful bird by F. Camell in the P. Tranſ. N. 285. p. 1394. 17.

7 Papilio *Luzon*, è fuſco & luteo ſuperne mixtus, this and the 2 next from the ſame hand with the laſt.

8 Phalæna *Luzon*, è fuſco & albo utraq; parte conſpicue commaculatus.

9 Papilio *Luzon*, luteus marginibus atris.

A 10 Trochites perelegans Pyrite impreſſus, this elegant impreſſion in a copperas ſtone from N. Byerly in Yorkſhire.

11 Mantis *Mediterran*, rufeſcens media, caught in the Straights by Mr. Sam. Daniel, Surgeon.

12 Operculum *Indiæ Orientalis* ſuperficie verrucoſo, from the East Indies.

Tab. 29. Fig. 1. ERyngium fortè *Mauritanicum*, ſpinoſum folio anguſtiſſimo Hort. noſt. ſicc. Ray V. 3. ap. 244. E. 26. an Bupleurum Hiſpanicum fruticoſum aculeatum Gramineo folio el Botan. 260. Inſt. Rei. Herbar. 310. 16. from the Coaſt of Barbary. It's a very odd ſhrubby plant, and has ſomewhat the face of a Corruda? each joint is commonly armed with three woody ſtrong Thorns, the largeſt in the middle; theſe ſtand alternately, like the Bambu, on a croſs bended ſtock; from the boſom of theſe Spines comes 2 or 3 leſs, with as many long narrow leaves of the ſtiffneſs of Holly; on the edges are many little protuberances, like the firſt leaves of Epiphyllanthus Jamaicenſis.

2 Buceros *Luzon*, naſicornis maximus Bagang dictus Camel, Mſs. de Scarab. Philippenſibus.

3 Phalæna *Guineenſis* flava perelegans & pulchre oculata, this beautiful inſect from the Guinea Coaſt.

4 Araneus *Luzon*, mortiferus Smaragdino aureus Banayau 1. Camel, Mſs. Aran, Luzon an Araneus aureus Niremberg, Hiſt. Nat. 291. c. 24. an Lavalava Hernand, Inſect. Hiſt. p. 75. c. 28.

The Sting of this, if not cured by fire or a decoction of dauva, kills man and beaſt, theſe delight in the Sambach Arabum, or Syringa, and dwell in their twiſted leaves.

A 5 Scarabeolus *Septentr*, vaginis aureis eleganter ſtriatis, capite nigro, this with fig. 8. & 9. Mrs. Glanville ſent me from the Weſt of England, where ſhe got them.

6 Araneus *Luzon*, ex argento, flavo & fuſco pulchre mixto, pedibus nigris.

7 Aſtacus *Luzon*, cornutus echinatus, albo, luteo & cinnabarino elegantiſſime variegatus, Banagan Phillippenſibus, Camel, Mſs. Piſcium, Molluſc, & Cruſtac. Philipp, The deſign he ſent me is as big again as this figure.

A 8 Teſtudinarius aureus guttulis nigris aſperſis. I once ſaw this in a Meadow near Woolwich.

9 Scarabeolus oblongus aureus maculis 13 in vaginis ornatus, reſembles our common Lady-cow, but is ſlenderer, and has 6 ſpots on each wing, one on the fiſſure, the other has but three. ſpots on each wing, one on the fiſſure, the other has but three. of fig. 4. & 6. ſent me from F. Camel.

10 Araneus *Luzon*, toroſus piloſus, totus fuſcus: the deſigns

11 Cæcilia *Born*, &c. Muſ. noſt. 106. The ſtriped Snake of Borneo, this ſeems to be a familiar Houſe Snake, for Mr. Silvanus Landon caught him drinking in a Punch bowl, after a ſudden return with ſome friends from it, in Borneo.

12 Araneus *Luzon*, gibboſus ſubfuſcus, per totum dorſum protracto, elevato & flavo Camel Mſs. Araneor, Philippenſium. Theſe lay whitiſh Eggs in yellow ſilken globular Bags.

Tab. 30. Fig. 1. PEctunculus, &c. Muſcoviticus, Muſ. noſt. 728. Klem's Ruſſia Muſcle.

2 Hirundo *Luzon*, venenata ruberrima Bangol dicta. This wonderful Fiſh is red throughout: All its Fleſh will in one Night

Night by hanging up diſſolve into a florid red liquor, which they uſe in ſtaining, and is very laſting, It's a ſpan and a half long, and hath warts inſtead of ſcales.

3 Concha Veneris cæruleſcens parva, utroque capite bimaculata, ventre late ſerrato, an C. V. Liſt. L. 4. S. 9. Tab. 624. Fig. 20 this is always bluiſh, but varies in its ſpots and waves.

A 4 Capricornulus *Hampſted*, ſtramineus, ſignaturis nigris, this varies in its ſize, as in the figures, but is always bigger than the next, and more rarely met with: Caught in Bear-wood beyond Hampſted Heath.

A 5 Capricornulus *Hampſted*, exiguus, vaginis rubent, apice nigro, I have obſerved theſe about Midſummer, on the flowers of Sphondylium or Cow-Parſnip, to whoſe umbells divers inſects reſort.

6 Olivaris *Barbadenſis* vix dentatus, ex albo & Caſtaneo reticulatus, clavicula cæruleſcente an Liſt. H. C. L, 4. S. xi. Tab. 827, fig. 49. b. Barbadoes Net-Olive, theſe are diſtinguiſhed from others by their blue tips.

A 7 Buccinulum oblongum Avenaceum, an Buccinum exiguum 5 anfractuum, mucrone acuto Liſt H. A. A. 4. p. 122. Fig. 7. Theſe I found at the roots of old trees in Lord Wooton's Grove at Hampſted.

8 Lapis *Chinenſis* Mayz referens, the Mayz Stone, this elegant Stone very much reſembles the grains of Turky-wheat or Mayz, but theſe are alternately ſet, and not one directly over the other.

9 Concha Veneris cæruleſcens parva, utroque capite bimaculata, ventre ſeſſile plano an C. V. Liſt. H. L. C. 4. S. 9. Tab. 624. fig. 21? like fig. 3. but differs in having its belly ſmooth, and the mouth only toothed.

10 Crotalaria *Madraſpat*, Piloſelæ folio Hort, noſt, ſicc, Ray V. 3. ap. 244. C. 194. from Fort St. George,

11 Lens *Madraſpatan*, elatines folio Hort, noſt. ſicc. Ray V. 3 append, 246, L. 8. yellow flowers, lonely and with ſtalks each coming from the boſom of its leaf, and are ſucceeded by a ſmall flat lentile like pod.

12 Argyrocome *Capens*, fol. incanis lobatis, Chryſocome flore albo, foliis ſubrotundis auriculatis Capitis Bonæ ſpei. Breynij Prodr. 2do p. 33. 3.

DECAS QUARTUS. TAB. XXXI.

FIG. 1. Calao avis roſtrum rubrum, galeatum, caſſide latâ, Under this title, F. Camel ſent me this deſign with his manuſcript of Philippine birds, in the Philo. tranſ. N. 285.

A 2 Cantharis azureus perelegans, found about houſes.

A 3 Scarabæolus aureus, capite nigro.

A 4 Scarabæolus aureus, capite lineiſq; nigris.

A 5 Planorbis ſhortenſis minima pulchre ſtriata, Cochlea tereſtris compreſſa maculata & leviter ſtriata Liſt. Hiſt. Conchyl. app. Tab. 4. about London.

6 Inhame *Madraſpatan*, foliis binis pulchrè venoſis Hort. noſt ſicc. 11. 19. ſeu Ray Hiſt. Plant vol. 3, append, 246, the leaves of this beautiful Plant, are the moſt elegantly veined I ever ſaw.

A 7 Scarabæolus niger, lateribus apicibuſque vaginarum aureis, found floating in a ditch in Biſhops Wood, Hampſtead Heath.

8 Coralloides epiſpongioſa *Philippenſis*, virgulis dilutè purpureis, minoribus punctis. Philipp. Submar Catal. 14. ſeu. act. Phil. N. 286. p. 1421. 14.

9 Pectunculus Venereus, Pectunculus ruber faſciis acutis & ex altera parte muricatis exaſperatus Liſt. H. C. Lib. 3. Sect. 1. cap. 3. Tab. 307. fig. 146.

10 Echinus perexiguus, Echina omnium minima, Aldrovand, Teſt, 412. fig. id. edit Francof. Tab. 10. fig. 23. p. 136. I take this to be an indigena on our coaſt, finding them amongſt a parcel of Engliſh ſhells.

11 Blitum *Madraſpatan*, Parietariæ folio, ſpicatum Hort. noſt. ſicc. B. 28 Ray H. Pl. vol. 3. ap. p. 242.

12 Coralloides epiſpongioſa *Philippens.* virgulis paucioribus punctatis, Sanguinei coloris, Philipp. Submar. Cat. 16 S. act. Phil. N. 286. p. 1421. 16. Specimens of this and figure 8, with ſeveral other very curious ſubmarines, mentioned in that tranſ. and figured hereafter, from the Philippine Iſles by F. Camel.

Tab. 32. Fig. 1. RETE *Philippenſe* nigrum, telis quadrangulis duplicatis Phil. Submar. Cat. 2. s. A. P. No. 286. p. 1419.

2 Cochlea *Luzonica* pallida, faſciâ nigricante.

3 Alcyonium *Philipp.* ramulis gelatinis implexis Phil. Submar. Cat. 8. s. act. Phil. N 286. p. 1420. 8. This is a very odd Submarine as is fig. 1. in ſaid tranſaction.

A 4 Phalæna cinerea ſplendens maculata, This differs from fig. 8. below, in being larger and ſhining, and is not ſo common.

5 Papilionoides *Caroliniana* fuſca, ſignaturâ aureâ pellucidâ, ſubtus albidâ. This is a new Genus of exotick inſects (of which I have ſeveral ſorts) its peculiarities are a thick and ſhort mothlike body, its Horns turgid near the end but hook-pointed, and moſt of them have generally greater or leſſer tranſparent coloured ſpots, it participates of the Butterfly and Moth.

6 Papilio *Livonicus* è fuſco cæruleſcente, ſubtus maculatus from Livonia.

7 Phalæna-bombylus *Carolinanus* maximus ferrugineus This is another new Genus of inſects, approaching next to the Hawk-moths; theſe ſuck their nutriment on the wing like the humming birds; are generally feather tail'd, and have a colourleſs tranſparency in the midſt of their wing.

A 8 Phalena minor alba, maculis nigreſcentibus ornata, an Goed. vol. 3. Tab. 13. p. Liſt. fig. 61. This appears about Midſummer generally amongſt Nettles.

9 Concha *Luzon*, tubularis vireſcens. The Natives in Luzone call this Belay & Udpan, and the Spaniards there Boca de pato, i. e. Ducks-bill from its ſhape. This I figured from a ſhell F. Camel ſent me.

10 Agrimonia *Madraſpat*, folio rotundo ſingulari, ſubtus incano Hort. noſt. ſicc. A. 44. Ray Hiſt. pl. vol. 3 app. 241; at the ſetting on of the leaves its commonly attended with ſmall tender auricles.

11 Potamogiton *Madraſpat*, Phyllitidis folio pulchrè venoſo. Hort, noſt. ſicc. p. 65. Ray vol. 3. app, 247. The veins on one ſide ſomething reſemble thoſe of Tab 31. fig. 6.

12 Leonurus *Madraſpat*, foliis rigidis, parvis, hirtis Hort noſt ſicc. L. 10. Ray vol. 3. app. 246. this differs from act. Phil. No 244. p. 323. 21. in being a ſmaller plant, hoary, the leaves leſs ſhorter and ſtiff.

Tab. 33. Fig. 1. LENS *Madraſpat*, Nummulariæ folio maculato Hort. noſt. ſicc. L. 9. Ray v. 3. app. 246. very remarkable in its leaves and ſpots.

2 Papilio *Luſitan*, minor, ex aureo fuſcus, ſubtus maculatus & vireſcens, Liſbon.

3 Scarabæus *Marianus*, minor fulvus, maculis nigricantibus aſperſis Hiſt. Maryland, s. act. Phil. No. 246. p. 396. 9. This reſembles our common Engliſh Lady-cow, but hath much larger ſpots, as that at table 26. fig. xi. has much leſs, and by miſtake was there put for this. Whereas that ſhould have been called Scarabæus ſtramineus minor Marianus,

4 Thea *Chinenſis* Pimentæ Jamaicenſis fol. fl. Roſaceo ſimplici. Chuſan. Plant. Hiſt. pl. 93. s. act. Phil, No. 246. p. 396. 93. Where you may may ſee its Deſcription.

5 Papilio Bella donna dicta, *Virginiana*, oculis ſubtus majoribus, this chiefly differs from our Engliſh painted Lady Muſei noſt, 326, in having larger eyes underneath.

A 6 Phalæna Umbrica lineâ maculiſq; ſanguineis an Liſt. fig. 54. This Moth produces a Catterpillar very common on Ragwort.

7 Phalæna *Guineenſis* alis è nigro aureis, corpore elegantiſſimè zonato, Its body is girdled with Gold, Silver, Scarlet, Black and changeable, ſo beautiful I never yet in that part ſaw its like

8 Androſace *Chuſan*, Cortuſæ Matthioli folio Muſ. 858. I take this elegant plant to come next of kind to Linum Umbilicatum, which Tournefort calls Omphalodes.

9 Cantharus *Carolin*, niger. undis palleſcentibus inſect, Virgin. Obſ. No 36. s. act. Phil. No 271. p. 813. 36. of the Family of our Green, Golden-ſpotted Cantharis.

A 10 Phalæna nigreſcens maculis minoribus, ſubtus ſanguinea, The Scarlet Royal Leopard.

11 Papilio *Carolin*, fuſcus, ſubtus cinereus, margine eleganter oculato, from Carolina.

A 12 Phalæna nigreſcens, maculis, majoribus, ſubtus flaveſcens, Hollar Tab. 4. fig. 7. Jonſt. inſect. Tab. 8. fig. 26. The yellow Royal Leopard, about London.

Tab. 34. Fig. 1. AGeratum *Capenſe* Crithmi folio, capitulis parvis, Sent me from Dr. Fred. Ruyſch.

2 Hermannis *Capenſis* Altheæ folio Hort. noſt. ſicc. H. 15 Ray H. Pl. V. 3. app. 245. from the Cape.

3 Ricinus *Chinenſis* Sebifera, Populi nigræ fol. Muſ. noſt. 965 China Tallow-tree le Compte Angle. p. 101. Who deſcribes this Tree pretty well, and ſays its red leaves and white Kernels at a diſtance, make a very fine proſpect: See its other Synonyms and deſcription amongſt the Chuſan plants, I have given an account of in the P. Tranſ. No. 286. p. 1429. 90.

4 Nerita *Orcadenſis* lutea, bifaſciis nigris.

5 Nerita *Orcad*. fuſca, faſciâ unicâ flaveſcente.

6 Nerita *Orcad* flava, ſtriis capillaceis. Theſe elegant varieties, found the laſt Summer on the Shoars of the Orkney Iſles.

A 7 Papilio minor, é fuſco & aureo quodammodo teſſellatus. The Chequered Hogg. This and the next are ſuppoſed Male and Female.

A 8 Papilio minor, ex aureo & fuſco mixtus, ſtriâ nigrâ notabili, The Chequer-like Hogg, known from the laſt in having 2 black ſtreaks, near the ſhoulders of its upper wings, and its Golden Chequers are leſs obvious, and rather melted into a field.

A 9 Papilio minor, aureus, ſtriâ nigrâ diſtinctus, The ſtreaked Golden Hogg.

A 9 a. Papilio minor aureus immaculatus, The ſpotleſs Hogg, Here needs no figure, it only wanting the ſtreak in the laſt, theſe four Mr. Eandridge has both obſerved and plainly diſtinguiſhed.

10 Faba *Orcad* nigra, polita, tetraſculata, hilo magno, vid. Cluſ. Exot. p. 4. fig. 9. Mr. Wallace, hath figured this in his deſcription of the Orkney Iſles, p. 14. alſo from the Philippine Iſles.

11 Agnus Caſtus *Crocod*, folio glauco ſubrotundo, received from the Crocodile Iſles: ſince I have obtained better ſpecimens from Chuſan, by the Fruit I find it to be a true Agnus Caſtus.

12 Arenaria minor Camphoratæ folio, Lychnis pumila ſaxatilis Juniperi folio Rei. Herb. 339. 2.

Tab. 35. Fig. 1. PApiliunculus cœruleus vulgatiſſimus Muſ. noſt. A. 318. the blue Argus, on common Heaths.

A 2 Papiliunculus crœruleſcens, limbis nigris, the pale blue Argus, ſomewhat larger, than the laſt, and much paler on both ſides, I have ſeen it in the thickets near Banſtead downs, and Purfleet.

A 3 Papiliunculus è cœruleo fuſcus, the mixt Argus, this differs from Fig. 1. in having brown mixt with the blue, and ſome Eyes on the margent of the lower wings above.

A 4 Papiliunculus fuſcus, marginibus aureis, the edged brown Argus, this has no blue above, but ſelvidged with Golden Eye-like ſpots.

5 Curculio *Bengalenſis* ſubruſus maximus, this is much the largeſt inſect of this kind I ever ſaw, I cannot perceive any mouth it has, but that deficiency, Nature I preſume, has made up with its ſnout or Proboſcis, which being hollow, ſucks in its nouriſhment; from Bengall Bay.

A 6 Buccinulum minimum ovale. an Buccinum exiguum ſubflavum, mucrone obtuſo ſive Cylindraceum Liſt. Hiſt. anim. Angl. 121. Fig. 6. I have found this very ſmall Shell on the ſandy Banks of the Thames near Kingſton, diſtinguiſhed from others, by being thick, ſhort and blunt.

7 Vaccinia forte *Chuſan*, Laurocerafi fol. fl. tubuloſo.

A 8 Planorbis minimus, Algis frequenter adnaſcens, a Vermiculus exiguus albus, Nautiloides Algæ feré adhærens Liſt. H. Conch. L. 4. S. 3. Fig. 5. Tab. 533. on our ſhoars.

A 9 Schiſtus Pinoides major; this and the next to fill up the cavity of their impreſſions have a Coal-like ſubſtance in many of them, they ſomewhat reſemble the Scales of Pine-cones or their younger Branches.

A 10 Schiſtus Pinoides minor, the impreſſions on this are much ſmaller than the laſt, both found in a Coal Pit at North-Byerly Yorkſhire,

11 Roſa *Chuſan*, glabra, Juniperi fructu, this Roſe I have received both from Chuſan and China.

1 Myriophyllon *Indiæ Orient*, ramoſiſſimum, Philipp. ſubmar. Cat. 6. s. A. P. No. 286.

13 A fragment of the laſt, as it appears thro' the Microſcope and mentioned in the A. P. No. 286. p. 1420. 6.

Tab. 36. Fig. 1. GRamen Lagopoides *Chuſan*, ſpicis criſtatis palleſcentibus Chuſan, 24. s. A. P. No. 286, p. 1322. 24.

2 Sambuco paluſtri affinis *Japonens*, fol. lato, ſerrato, flore cæruleſcente Hort. noſt. ſicc, S. 8. Ray H. Pl. V. 3. app. 248.

A 3 Papilio minor, fuſcus *Hampſted*, marmoreatus, Handley's brown Butterfly, this varies ſomething in magnitude and colour, but ſcarce diſcernable.

4 Os pulchre ſerratum, forſan Piſcis cujuſdam, from the Eaſt-Indies.

A 5 Muſca apiformis proboſcide porrecto, alis maculatis; this hovers in the air like a Hawk and darts with a wonderful ſwiftneſs.

A 6 Pap. fuſcus, &c. Muſ. noſt. 325, Our brown Marſh Fritillary, this and fig. 9 I take to be Male and Female, not common.

7 Coccifera *Chuſan*, Coryli folio, floribus exiguis racemiferis Chuſ. 67. a. p. No. 286. p. 1413. 67.

8 Fagara *Chuſan*, Rhois Virginianæ fol. caule alato Chuſ. 74. a. p. No. 286. p. 1423. 74. known from the reſt of this tribe by its welted ſtalks.

A 9 Papiliunculus fuſcus, punctis paucioribus albicantibus, Mr. Dandridge's march Fritillary, The ſpots on this are larger and fewer than Fig. 6.

A 10 a Phalæna bombylus maximus ruffus, this large and beautiful inſect, caught about the end of May at the foot of Box-hill.

A 10 a Phalæna bombylus max. fuſcus. this and the laſt may be Male and Female, its dark part of the Wings are blacker and narrower, caught laſt Summer on Hampſtead Heath.

11 Cochlea *Orcad*, maxima, craſſa, faſciata, this reſembles our Scarborough Covins Muſ. noſt. 813. but 4 times larger.

12 Echinus *Chinens*, ſtellatus, compreſſus. Sea urchin, China.

Tab. 37. Fig. 1. PHalæna *Luzon*, media é nigro alboque mixta, black and white as the figure repreſents.

2 Chryſalis paiva, caſtanea, Erucæ ſequentis, From this breaks out the Moth figured in Tab. 28. 8.

3 Eruca *Luzon*, piloſa antennulata, nigro & flavo variata, Soncho lævi victitans This Catterpillar having ſpun a ſilken Web coffined 16th. Oct. and flew the 22d.

4 Orobanche *Mauritanica*, fl. purpureo. Grows in Sandy places, to the broom at fig. 13. it. flowers in Feb. and March, the inhabitants call it Danoon, this plant with many others were obſerved and deſigned by Mr. J. James a Surgeon, about 1680. Whilſt he was in Barbary, being a Slave there near 20 years; after his death this book came to me.

5 Papilio *Luzon*, medius albus, this and the firſt are from deſigns F. Kamel ſent me.

6 Scarabæus Cerambix *Luzon*, facie Tauri. This, the next and 12. F. Kamel ſent both deſigns and inſects.

7 Stockerus *Luzon*, viridis, ſcapulâ maculiſq; purpureis, an elegant Species of Tab. 21. Fig. 12.

8 Fructus pent-angulus, alte ſulcatus unucleus, from Cochinchina.

9 Curcuma Officinarum Dale Pharm, 362. 5. Kamel Ray H. pl. vol. 3. app. 23. xi. The true Turmerick.

10 Nucleus tetragonus *Guineenſis*, baſi foraminoſo, Its a woody ſubſtance with capillary veins, has at the bottom 2 large holes near the length of the fruit.

11 Nux *Luzonica*, fuſca, zonâ pallidâ, the kernel of the Arbor Bigaá, Ray H. Pl. V. 3. app, 61. 3.

12 Cerambix *Luzon*, minor atratus & ſtriatus.

13 Spartium *Mauritanicum*, fl. albo monoſpermos. in Arabic called Rotum.

Tab. 38. Fig. 1. NUX. *Guineenſis*, nucleo Moſchatæ ſimilis, The ſhell is thick and brittle, in ſhape like the Kernel of the Nutmeg, which is the part we uſe, the Kernel within, is the colour of Palm Oyl, and the conſiſtence of Suet.

2 Phaſeolus *Jamaicenſis*, niger, compreſſus, circa hilum albus an Phaſeolus maximus perennis, ſemine compreſſo lato, nigris maculis notato, Cat pl. Jam. 66.

3 Nucleus *Luzon*, Dactyli facie, fere triſpermos.

4 Nucleus Luzon, Cylindraceus, ſulcatus, extremitatibus punctatis.

5 Scarabæus arboreus Luzon, 3. ſeu ſubplanus ſubluſtris luridé æruginoſe maculoſus Kamel Mſs. this is ſimilar to Tab. 23. fig. 12. and Tab. 26. 9.

6 Scarabæus arboreus Luzon, 2. ſ. luteo-fuſcus, tenuiter ſtriatus Kam. Mſs. Our Bracken-clock fig. Tab. 22. 4. is like this, but leſs.

7 Ægilops Mauritanica, ariſtis longioribus binis Hort. ſicc. Petiver, a. 37. Ray H. Pl. V. 3. app. 241. this the Moors call Khoitaan, flourithes in May.

8 Sanamunda forte Mauritanica, fl. luteo, It flowers all Winter and Seeds in March, the Natives call it Mittinaam, ſignifies ſtrong, perhaps from its Bark, of which they make Cords and Ropes, as we do of Hemp.

9 Chamæc ſtus forte Mauritanica, luteus, foliis parvis ſerratis, From a Fibrous Root a ſtem 3 inches high.

10 Papiliunculus Luzon, cœruleſcens, ſubtus undis ſtriatus.

11 Scarabæus arboreus Luzon, ſubluſtris punctatus Salibamban & Salagabat Indis.

12 Carlina forte Mauritan, fl. ex albo ſanguineo. The Natives call it Tichantoos. It flowers in April, the Roots are of a very hot taſte, and by them much uſed in powder, and conſerve, to heat the coldneſs of the Stomach.

Tab. 39. Fig. 1. BAccifera planta perpumila Mauritanica, grows in Rocky places, the Moors called Fox-grapes.

2 Dracunculus volans Looganus, ex ſicco deſumptus, differs from that I have mentioned in my Muſ. No. 119. being ſpeckled, and having 6 ribs in each Wing, ours having but 4. and inſtead of litle ſpots is largely waved with dark brown.

3 Ficoides forté Mauritan, perexigua, the Natives call this Lowon.

4 Papilio Luzon, fuliginoſus, oculatus & undulatus, beſides its dull colour this is diſtinguiſhed by having 9 Eyes in each lower wing.

5 Papilio Luzon fuſcus minor, ter varie bioculatus, the Eyes in the wings of this Fly are peculiarly placed.

6 Eruca Luzon, multicolor, Eruca Malvæ hortenſ. polymita, glabra, albo, fuſco, nigro, & flavo teſſellatim variegata Kamel Mſs. This changed into a Cheſnut Chryſalis Fig. 7. the 19th. of Feb. which produced the 3d. of March, a variegated Moth like Dr. Liſters No. 92.

7 Chryſalis ultimæ Erucæ.

8 Fungus Mauritanicus verrucoſus ruber, ſucco ſanguineo, Turtooths Bargaſham Indigenis, It grows a foot high, of a dark red but paler below.

9 Locuſta echinata impennis é Chuſan, reſembles the Locuſta-talpa, Tab. 13. Fig. 7.

10 Rottang Luzon, vulgaris, Fructus peregrinus ſquamoſus 3. Cluſ. Exot. 24. Fig. 2. vid. Ray H. Pl. V. 3. app. 19. 3.

10 a Officulum Ejuſdem, this Stone is horny, the Meat white and ſlimy, of a grateful ſour, chewed quenches Thirſt, a Tea or Decoction of it refreſhes Feveriſh Perſons, and is effectual in heat of the Reins.

11 Rottang Luzon, fructu pyramidali majore Lab. nit. Kamel, Ray H. Pl. V. 3. p. 19. 4.

11 a Its Kernel which is alſo edible, is of a Tart Sweetneſs.

12 Eruca Luzon, radiata, s. pilis plumoſa Eruca ardens Baſul Kam. Mſs. The middle of the Back is yellow, ſpotted with black, the body green, from whence and its ſides, comes 20 hairy Feathers, it feeds on the Roſe, this is a very odd Caterpillar, and its Coffin as ſtrange being globular.

13 Aurelia Luzon, globoſa fuſca, about the bigneſs of a Pea, the Coffin of the laſt Caterpillar, into which it changed 17 Jan. 18 Feb. produced a ſmall brown Moth.

Tab. 40. Fig. 1. GLobularia Mauritan, caule folioſo, Tuſolkha Maurit. It Flowers in March.

2 Kali forte Mauritan, polyſpermos.

3 Phalæna Bengalenſis fuſco & diaphano mixta. This elegant Moth caught Dec. 1701 in the Bay of Bengall.

4 Papilio Madraſpatan, croceus, nigris maculis aſperſis, albiſque ſerie marginatus Muſ. noſt. 721. The Madraſs Fritillary.

5 Matricaria Mauritan, pumila, Flowers in April.

6 Culex Luzon, eviridi fuſco. Muſca roſtrata ſeu, Muſca-Papilio Arbor Lanette Kam. Mſs. Inſect. I take this to be of the Gnat kind by its make, and motion in flying, which is very ſwift up and down.

7 Cimex

7 Cimex Luzon oblongus, è nigro & fuſco, humeris echinatis, Muſca Tympaniſta, s. Formica-Culex Kam. Mſs. this and the laſt frequent the Lanette Tree, deſcribed by Mr. Ray, app. 3. pag. 89. 18. I have obſerved two of this Genus in Eng. tho' not Spinoſe.

8 Aloes forte Mauritan, pumila, foliis glaucis.

9 Yguana Luzon, edulis, capite cœruleſcente, Cagaſagam vel Layagan Indigenis, it agrees with the Yguana, called Guana in the Weſt-Indies, in being finn'd on the back, and edible, the Creſt on its head is fleſhy and red like a Cock's-Comb. F. Kamel ſent me a deſcription with ſeveral other Lizards, Serpents, Frogs Turtles, &c.

10 Convolvulus forte Mauritan, fl. cœruleo, fundo luteo. It flowers in May.

11 Phalæna accipitrina Luzon, pulchra, variis coloribus ornata, hatcht in a fortnight from the Aurelia, Fig. 13.

12 Eruca Elephantina Luzon vireſcens, maculis 4. flavis oculatis, this Catterpillar eats the great Philippine Arum called there biga, it is deſcribed by Mr. Ray in his H. Pl. Vol. 3. app. 35. 1. Whoſe figure I ſhall give in my 2d volume of Decades. I find this, tho' a biting plant, a peculiar Food to 2 or 3 of theſe horned Caterpillars, before this changed into Fig. 13. which was Feb. 14. it turned from green to reddiſh, and on the 28th broke out into the Moth above.

13 The Aurelia, of the laſt Caterpillar, viz. a middle ſtate between it, and the Moth fig. 11. which is the inſect in perfection.

14 Anacardij Orientalis Officinarum Fructus, The dry Fruit of the true Anacardium, hitherto very rarely met with in our Druggiſt Shops. I firſt received it from Perſia, where they uſe it in dying their Chints or Calicoes, which Chriſt. Acoſta & Garcias ab Horto confirmis. I have obtained Specimens of its leaves and flowers which ſhall be figured in my future Decades.

DECAS V. TAB. XLI.

FIG. 1. Cimecoides Luzonis Hortenſis, ex viridi, flavo, albo, nigro et rubro, elegantèr depicta. Feeds on the Lupine leaved Malabar rattle broom.

2 Scarabæus pectinaries Luzon, merè viridis. The inhabitants call this Ticpaclong, its of a pale ſhining green, and is of our Dor or Tree Beetle kind, having horns, when expanded, reſembling a comb.

3 Cochinella Luzon, major e cupreo viridique eleganter ſtriata A very elegant beetle, each rib alternately ſtreak'd with a changeable green and copper luſtre, form Liſbon.

4 Jacobæa Mauritanica coronopi folio. Flowers in March.

5 Muſca tricornis Luzonica. The head and body is black, the laſt mixt white, it hath a dancing flight like our gnats.

6 Cimex Luzon omnino viridis. I take Fig. 1. to be the Hexapode of this Lupine Rattle Bugg.

7 Nodiflora Mauritanica foliis verticilli modo ſerratis. It's found in Barbary amongſt rocks and ſtoney places and heads in February.

8 Amomum legitimum Kameli. You may ſee a large and accurate deſcription of this in the Dendrology of Mr. Ray's 3d volume of plants, p. 89. Theſe ſeeds ſmelling pleaſantly, the Indian maidens wear bracelets of them about their necks and arms, mixt with muſk ſeed, Job's tears, Indian cane, abrus or Angola ſeed, &c.

9 Polygala Mauritan. lutea aromatica. This rare plant with Fig. 4 and 12. were ſeen in Barbary.

10 Phalæna Bengalenſis, fulva, maculâ albeſcente. Malacca.

11 Phalæna Bengal. virideſcens, linea palleſcente.

12 Limonium Mauritan, flore minimo, caule folioſo. The Barbary ſea lavender. Flowers in May.

Tab. 42. Fig. 1. PAO de Cobra Luſitanis, i. e. Snake wood. F. Kamel ſays this is brought from India, its bark is reddiſh, thin, compact and bitterer than the wood, which is grey and ſolid, reſembling that of Tamariſk, vid. Ray. Syllab. Kamel, p. 88. 6.

2 Scarabæus pectinarius Luzon, capite dentato. The Squill Comber, feeding on that plant.

3 Scarabæus Luzon, forcipatus ater, this gnaws trees.

4 Nux biforis in tres dehiſcens putaminis partes, under this inſcription F. Kamel ſent me its deſign, with fig. 8, 10 and 14. amongſt ſeveral other fruits.

5 Pilulatus Luzon, niger minimus. Fig. 2, 3, were ſent me amongſt the deſigns of F. Kamel's Philippine Beetles, and ſince that the inſects of the 2 laſt.

A 6 Phalæna-Bombylus, parvus, corpore nigro, ano croceo, caught in Hornſey Wood in June.

7 Jaſmini flore, frutex Philippenſis, foliis floribuſque fere ternis, Dicurdalaga Luzonenſibus, grows on the Sea Coaſts; the leaves ſlink and taſte like Wormwood, Kamel, Syllab. ſee Raii hiſt. plant, vol. 3. append. pag. 92. No. 46.

8 Nux Naicenſis 2, Setis candidis conveſtita fig. 14, this F. Kamel ſuppoſes to be nuts of palms. Kamel, Syllab, Ray, p. 46, No 19.

A 9 Muſca Apiformis, proboſcide porrecto, alis non maculatis. This differs from Gaz. N. Tab. 36, Fig. 5. in being ſomewhat leſs, the wings without ſpecks, but more clouded on its upper edge, Mr. Dandridge obſerved this in Cain wood.

10 Nux Moſchata oblonga, maxima, montis Malete, F. Kamel ſent me this draught, and from him it's deſcribed by Mr. Ray in his Syllabus, pag, 58. 4. Its leaves, Kernel and exterior fruit, you ſhall have the figures of amongſt the Philippine trees with the male and female nutmegs.

A 10 A. Phalæna parva virideſcens, corpore fuſco I have as yet ſeen this inſect only in Mr. Dandridge's collection, its brown body and pale rim differs it from the next.

A 11. Phalæna parva, virideſcens, corpore albeſcente. Several of theſe I have obſerved in a wood againſt the boarded river after Midſummer.

A. 12. Aurelia nigreſcens ejuſdem.

A. 13. Eruca exigua lutea, capite & guttulis nigris. This is the caterpillar of fig. 11.

14. Nux Naicenſis I. Cortice nigro, reticula candida obducta An Baguidiot fructus Alexipharmacus ? Kamel ſyllab. Ray, p 46 18. an fructus reticulato corio coſtans cluſ. exotic. cap. 11. p. 31. fig.

Tab. 43. Fig. 1. UMbilicato folio arbor Philippens. Balanti dicta. They commend the root of this in fluxes. Kamel. Syllab, Ray 93. 5.

2 Platani folio arbor poſopoſo Philippens: a middling tree. its wood bitter and of little uſe. Kam. Syll. Ray. 89. 24.

3 Phalæna Luzon, ex albo purpureo nigroque elegantèr variegata, Its head and rump yellow, back black, and ſhoulder ring white.

4 Eruca Luzon, glabra, lineis luteis, fuſcis & albis. Theſe yearly feed in great numbers on the pancratium minus after the rains.

5 Aurelia ejuſdem. This coffin of the laſt Caterpillar changed about Chriſtmas, and in 15 or 16 days broke out into the elegant Moth at fig. 3.

6 Squilla marina Luzon, major. Indis Manla & Tila. Kamel de Piſcibus Moluſcis & Cruſtaceis Philippenſibus in Actis Ph No. 302 31 where deſcribing its length he means for bicubitalis, biuncialis, which better agrees with the figure that I copied from his deſign.

7 Zapotl nigrum. Jucatanenſibus Ulz. This is a very great ſhady tree, with thick dark ſhining Leaves.

8 Flos aureus pentapetalus Ejuſdem.

9 Calyx & perianthium floris præcedentis.

10 Fructus ejuſdem. The pulp of this apple is black or brown, and taſtes like a plumb; but before its ripe it pricks the mouth like Arum, it contains 5 or 6 horney ſtones. vid. Kamel, Syllab. Ray vol. 3. p. 54. pl, 4.

11 Angola Luzon. Aceris folio. The brittle tree, the natives uſe the leaves to procure eaſy delivery.

12 Ardea exotica aurita. This bird is remarkable for its 2 ear'd tufts on the head, and wanting its back toe,

13 Squilla marina Luzon, minima, ſeu formica marina. Hipon vel Dilis Kamel de Piſcibus Moluſcis & Cruſtaceis Philippenſ. in act Phil. No. 302. 5.

14 Araneus Luzon, oblongus luteſcens, longipes, ventre tenui geniculo in caudam diſtincto, Kamel Mſs. Araneor.

15 Phalena Luzon, aterrima, collo, cauda extremitatibuſque alarum aureis, theſe 3 laſt from Kamel's deſigns.

Tab. 44. Fig. 1. ABRUS minor coccineus vulg. hilo nigro. I have received this ſeed from Africa and both the Indies. 1. a Abrus luteſcens. 1. b Abrus niger. Theſe are varieties of the 1ſt.

2 Abrus Antegoanus, medius miniatus.

3 Abrus Anteg. med. miniatus, nigro nubulatus, Antegoa.

4 Abrus ſanguineus maximus, nigro mixtus, Anacock quibuſdam.

5 Abrus Barbab, niger parvus, hilo rubro. This pod hath rarely more than 2 ſeeds, and ſometimes but one.

6 Semen Ejuſdem, This is ſmaller than fig. 1. flattiſh, black, with a red eye.

7 Cochlea oblonga exotica levis, ſeen at Mr. York's.

8 Phalæna alba ſemidiaphana, guttulis paucis nigris, gawſe Moth.

9 Rhinoceros Luzon, nigricans capite vaginiſque punctulatus.

10 Bontiana Luzon, geniculis inferioribus carinulatis. Bontius being the firſt that gave us this kind, if not this plant, I have attributed his name to it for diſtinction. Its a paraſitical plant, generally growing on trees as our Polypodium and Miſleto, the flowers for the moſt part reſembling Aloes or Orchis, therefore called viſco Aloes.

11 Sorbus Luzon, foliis ternis ſerratis, Bitongol Indis, Carandas Garciæ ex ſententia Kameli. It flowers in May, and fruit ripens in Auguſt, of a pleaſant roughiſh ſweetneſs, and full of ſmall grains.

12 Remora Luzon, corpore tereti, Comi Boholanis & Zebuanis, Quini Leitenſibus, F. Kamel Philippine Iſles, Tranſ. No 302. 24.

13 Toucan Surinamenſis niger, ex albo flavo rubroque mixta.

Tab. 45. Fig. 1. LIgnum Arboris Panguaguaſon, the root and wood of this is both a Vulnerary and Febrifuge, takes away pains in the head, good againſt poiſon and the bites of venemous creatures, experienced, by Kam. Syllab. Ray p. 89. 16.

2 Folium ejuſdem.

3 Conchæ Tiquaſay facies extera Kam. Mſs. de Teſtac. This is a ſort of tree or Rock Oyſter, and agrees with a Virginia kind which from its ſhape they call a hammer ſhell.

4 Monſtrum Philip. Centauri facie. F. Kamel.

5 Phalæna media rufeſcent, Semicolon dicta. What is very particular in this moth is, its under wings from its ſhoulders are extended beyond the upper, which, with its Semicolon-like ſpecks, remarkably diſtinguiſhes it from others.

6 Phalæna Luzon, alba, margine ſuperiore & corpore ſanguineis.

7 Nux Arboris Hohom quam & Tagoligas vocant. Kamel.

8 Nucleus Hohom.

9 Zapotl Chinens, fructu cinnabarino. Xicu Sinens. Chicoy Hiſpan, Figocaque Luſit. Its leaves ſingle, 6 inches long and 3 broad, Kam. Syll. Ray p. 54. 5.

10 Zapotl Fructus, dryed in the ſun, as they do figs.

11 Zapotl Officulum.

12 Lapis cui a natura curioſa figura inſculpta eſt D. Spener, act. Phil. No. 302. p. 2083. 16. An impreſſion of an Entrochus upon an iron ſtone.

A 13 Phalæna brunna bimaculata faſcijs fulvis.

14 Buccinulum Mediterran, læve, ex albo nigroque variegatum, from the Streights.

Tab. 46. Fig. 1. SErpens American, variegatus, cingulis maculisque nigris interspersis.

2 Vanillia Officinarum. Dale Pharm. 508. This figure shews its leaves and twin or double Pods, with its manner of twining about other plants.

3 Vanillia, its flower, which being so particular may easily be known from other plants.

4 Its full grown pod, which is used in Chocolate, and has the fragrancy of Benjamin.

5 Betle Mexican, repens fol. pinguibus odoratis. This the natives call Mecaxochitl, they mix it with their Chocolate to give it a more pleasant taste and correct the breath.

6 Betle Novæ Hispan, fructu longo angustissimo. There was several of these found in the Spanish West-India ships when destroyed at Vigo. They have generally 2 and sometimes 3 tails tyed with a twine, which seems to be the splinter of some sort of rush.

7 Unicornu Nevicense, gyris cavis. This shell is particular in having alternate hollows round its twirls, which in the figure is expresst by the black spots.

8 Arbor Mexicana, flore Tulipæ staminibus Ornithopodij simile. Macpalxochi quahuitl Mexicanis. Flor Camomano Hispanis, a very old tree.

9 Arbor Peruviana, Corticem Febrifugam ferens. from Pomet.

10 and 11 Are the external and internal face of the bark of the aforesaid tree.

12 Avicula forte Surinamens, e nigro rubroque mixta. It's behind mostly black, the head, collar, breast and belly red.

13 Avicula forte Surinam, nigra, capite e luteo croceo. Surinam birds.

14 Scarabæus Mexican, bicornis. Tomolin ichcazin Mexicanus. The lighter part in this figure is of a reddish Chesnut colour, the rest black.

15 Papilionculus exoticus cærulescens,

16 Echinites Carol, compressus rhomboidibus Testudinaribus. This is a piece of Fossil echinus, and seems much to resemble 125. in my Mus.

Tab. 47. Fig. 1. CApricornus Luzon, maximus. His sheaths tawny, the rest black, horns and legs shining, F. Kamel.

A 2 Ranatra cornuta, I first saw this in Cain-wood at Hampsted on Fern stalks, not common.

A 3 Thus appear when sitting.

A 4 Ranatra rubra elegans, maculis nigris.

5 The same moving to fly.

A 6 Ranatra viridescens. Its wings are of a faint bluish green, and tips pale.

A 6 * Ranatra fusca, These 4 last are a new genus of insects approaching next to the Locustæ or Grashoppers, but their shape differing: I have chose to distinguish them, from their form and action, by the name of Frog-hoppers.

A 7 Its flying posture.

8 Osmunda Luzon, repens Fumariæ folio. F. Kamel sent me this under the title of Fumaria capillaris.

9 Asplenium Luzon, bicubitale pinnis alternis.

10 Filix Luzon, pinnis alternis Salici æmulantibus. The leaves of this are somewhat less waved than the design.

11 Trochus Luzon, albis maculis nigro reticulo textus. A design of this and its description from F. Kamel.

12 Millepora Mediterranea, Barbary-Shore.

13 Cervi volantis Caput, Indis Olalo. The figure and head of this strange beetle, F. Kamel.

14 Hysterolithos Lapis. This wonderful Fossil Dr. J. G. Kisner, found in the Vineyards of Lohenstein.

15 Is the Reverse.

Tab. 48. Fig. 1. FUngus Cinabarinus Ligni Molavin, an E. B. 1. 1. seu act. Phil. No. 287. p. 1456. 1. See a description of this tree in Kamel, Syllab. Ray v. 3. app. p. 69. 14.

2 Hemisphericus Luzon, Minij coloris. This delights in the Rosa sine spinis Kam. Ray. v. app. 77. i. e. Alcea Javanica fl. pleno.

3. Eruca purpurea hirsuta, albis punctis notata, the Catterpillar of the last insect.

4 Follicula ad latera pilosa, thro' the back of this breaks out the Beetle at figure 2. F. Kamel.

5 Cantharus Luzon, viridis lævis, Indis Camarinensium, Dias, Giao, Lanibao, & Salibat, design and insect F. Kamel sent me.

6 Hæmisphærricus Luzon, aureus maculis plurimis nigris, feeds on the garden shade, resembles our Lady-cow, is larger, 3 times the spots.

7 Folliculus globosus caudâ pilosâ.

8 Eruca Laiz, alba pilosa, This turns into the last which produces fig. 6. F. Kamel has been very accurate in observing the changes of these insects.

9 Blatta domestica Luzon, nocturna. Hispan. Cucca & Cucaracha. Lusit, Barata, Indis Ipis & Bancocang, resembles our house Cock-roach, like them very devouring, appear in the night only. The Indians drink their ashes in physick, bruise and mix them with sugar, applying them to ulcers and cancers to suppurate, it's said they are given to kill worms in children.

10 Corallium stellatum compressum albescens. The superficies is smooth, and the stars scarcely raised.

11 Filix Luzon, pinnis alternis serratis. F. Kamel calls this the Adiatum nigrum quorundam, seu Dryopteris dalechampii, to which last I cannot readily agree. Ray Syllab. Kam. p. 1. pl. 5.

12 Volvulaceus Luzon, Colutæ foliis, Asplenium seu Lonchitis scandens Ray Syll. Kam. p. 2. 15.

13 Cochlea cælata, Indis Binga, Under this title F. Kamel sent me its design, which is exactly copied.

14 Olivare condor, bullulis nigerrimis refertis, an Buccinum brevirostrum parvum nigricantibus nodis seriatim circumdatum L. H. C. l. 4. s. 15. c. 1. Fig. 4. Tab. 954. an elegant small shell, shores of Pulo Condore.

15 Pectunculus Condor, fasciatus undis Castaneis.

16 Rhomboides nodosus, ore serrato, labro lato verruculato, an Rhombus parvus dentatus muricatus L. H. C. l. 4. S. 10. c. 70. Fig. 44. Tab. 791.

Tab. 49. Fig. 1. RAnatra parva pellucida Succinata. This and the A. 2 next are often found in woods and gardens, on the shady part of shrubby plants.

A 2 Ranatra Marmorata fusca.

A 3 Ranatra lata subvirens. Those in Tab. 47. & these are all that Mr. Dandridge or I have yet found.

4 Ceterach Luzon, scandens, pinnis alternis dentatis, Ray Syllab. Kamel p. 2. 20. Indis Panaypay. This Fern has about 20 leaves on each stalk.

5 Ceterach Luzon, pinnis alternis glabris. Indis Lagolo, Ray Syll Kam. p. 2. 19, This has 25 leaves on each side, and is above 2 yards high.

6 Millepora Americ, Spongi-arenosa.

7 Scarabæus Luzon, cærulescens striatus medio cupreo. The middle of each sheath being copper, distinguishes this from all I have yet seen.

8 Scarabæus Buceros, Nasicornis primus Kam. Hoang Luzon, like our Borneo Bull-beetle Gaz. 14. 12.

9 Olivaris nigricans, striis albis undatis. I take this to be an East India shell 10 represents its back.

11 Papilio albus minor apicibus nigris, tipt with black, distinguishes it from Mus. 303. are male and female.

12 Cuscuta Luzon, altera seu major Raij Syllab. Kam. pag. 1. pl. 1. Mabubu & Malobohog Philippens. H. Mal. v. 7. Tab. 44. p. this climbs about shrubs, frequently on the Agnus Castus Ray v. 3. app. p. 73. 3. bears a small tripetalous flower in April.

13 Pecten Condor, levis & lavis, supernè Castaneus infernè albus, a very elegant scallop, from Pulo Condore.

Tab. 50. Fig. 1. ARaneus Luzon longipes domesticus, a web-spining house Spider.

2 Tarantula Luzon, innocuus, Araneus longipes 4. seu Trojanus. Bagna aliis Gambagamba Indis. Its body as large as a Filbert and brown, he lives on oyl-clocks, a sort of Beetle. Fig. A. shews a flattish round silken egg-bag, which he carries under his belly, yet produces 1000 young ones.

3 Araneus Luzon telarius, argenteo, flavo & nigro transversim striatus, fig. B. is its white flat silk bag, in which F. Kamel thinks were 200 eggs.

4 Araneus Luzon longipes, semini Ricino æmulans. F. Kamel sent me the designs of all these.

5 Cantharis Chusan, viridis elegantissimè variegatus, the most elegant of the Beetle kind.

A 6 Curculio parvus Splendidè

A 7 Curculio parvus splendidè æruginosus.

A 8 Curculio Crinitus, dorso pallido.

A 9 Curculio fuscus, dorso quasi cordato. The 2 first of these I have met with, the last are more peculiar and not common.

A 10 Cymecoides virescens. (C) shews it wing closed.

A 11 Cymecoides e rufo flavescens. I have seen these in Bear, Cain and other woods about London.

12 Asplenium Luzon, Ari folio, Phyllitis Anglicano Luzonis Ray Syll. Kam. p. 2. 18. The seed leaves are higher and more erect than the rest, standing on longer footstalks than the green ones next the roots. They use this plant instead of the spleenwort of the shops.

13 Veneroides Barbar, minor marmorata. (D.) shews its back, from Jamaica and Barbadoes.

14 Cochlea Hortensis unicolor minor, umbilico parvo. I have often met with this in gardens and hedges.

A Classical and Topical CATALOGUE *of all the Figures in the Five* DECADES, *or First* VOLUME *of the* GAZOPHYLACIUM, *With References to their* TABLES *and* NUMBERS.

I. English Animals, Vegetables, Fossils, &c.

HArwich thorn fish Tab. 22. Fig. 2.
2 Broad earth Scolopendra 15. F. 10.
3 Bakers pond squill 21. 7.
4 Pea Urchin-egg 31. 10.
5 Warty Pentans sea star 16. 6
6 Lhwyd's small Donegal sea star 16. 18.
7 Small white tipt Butterfly 49. xi
8 Vernons cambridge half mourner 1. 7
9 Saffron butterfly with spotted tips 14. xi
10 Blue argus 35. 1.
11 Purple blue argus 35. 2
12 Mixt argus 35. 3
13 Brown edged argus 35. 4
14 Under speckled livonian argus 32. 6
15 Holly under green butterfly 2. xi
16 Hair streak butterfly xi. 9.
17 Brown double streak butterfly xi. 10
18 Gol. brown double streak butterfly xi. xi
19 Chequered hog butterfly 34. 7
20 Chequer like hog butterfly 34. 8
21 Streakt golden hog butterfly 34. 9
22 Handleys brown hog butterfly 36. 3
23 Dandridge's marsh Frittillary 36. 9
24 Our marsh frittillary 36. 6
25 Cambridge small frittillary 16. 10
26 Linclonshire Frittillary 18. 10
27 Tunbridge grayling 14. 9
28 Dales Purple eye 24. 2

29 Enfield eye 24. 3
30 Leghorn white admiral 15. 12.
31 Gawſe moth 44. 8
32 Glanviles's grayling 7. 8
33 Ditto ſmall magpye 25. 1.
34 Shinning mottled moth 32. 4
35 Mottled nettle moth 32. 8
36 Cambridge roval leopard 33. 10
37 London royal leopard 33. 10
38 Hampſted ſmall leopard 16. xi
39 Ragwort moth 33. 6
40 Glanvile's green ſtreakt moth 7. xi
41 Dandridge's ſmall greeniſh moth 42. x. A
42 Our ſmall greeniſh moth 42. xi
43 Its coffin and caterpillar 42. 12. 13
44 Hackney broom moth 14. 3
45 Tilman bobarts ſtraw moth 28. 2
46 Glanviles orange girdled moth 19. 3
47 Ditto copper ſpotted moth 7. 7
48 Our ragged furbelow 19. 4
49 Glanvile's tipt furbelow 25. 12.
50 Period moth 45. 13
51 Semicolon moth 45. 5
52 Great reddiſh moth drone 36. 10
53 Great brown moth drone 36. 10. a
54 Small ſaffron rumpt moth drone 42. 6
55 Large hawk drone 36. 5
56 Small hawk drone 42. 9
57 Ditto brown girdled waſp 25. 2
58 Ditto black, yellow girdled waſp 25. 3
59 Ditto ſaffron yellow girdled waſp 25. 10
60 Black hedge fly 14. 4
61 Narrow water ſpider 9. 12
62 Golden water ſpider 9. 13
63 Magpye Bugg 14. 7
64 Greeniſh bugg kin 50. 10. &c.
65 Marbled bug kin 50 xi
66 Amber froghopper 49. 1
67 Brown froghopper 47. 6 and 7
68 Ditto marble froghopper 49. 2
69 Dandridges red ſpotted froghopper 47. 4. 5
70 Greeniſh froghopper 47. 6
71 Ditto broad froghopper 49. 3
72 Horned froghopper 47. 2. 3
73 Bright green piper 50. 6
74 Bright Verdigreaſe piper 50. 7
75 Brown piper 50. 8
76 Dandridges Hart piper 50. 9
77 Ditto large waved piper 24. 4
78 Scarlet ſmall Piper 22. 5
79 Blackheaded red Piperkin 31. 3
80 Black horned comb clock 23. 3.
81 Black pounct comb clock 23. xi
82 Black ribbed comb clock 23. 10
83 Bracken comb clock 22. 4
84 Common comb clock 19. 1
85 Hoary comb clock 22. 9
86 Green comb clock 23 12
87 Orange girdled comb clock 13. 6
88 Slug beetle 24 7
89 Steel beetle 22. 6
90 Common cow lady 21. 3
91 Small cow lady 21. 4
92 Glanviles cow lady 21. 5.
93 Ditto long ſpotted cow lady 21. 5.
94 Cow lady with 13 ſpecks 29. 9.
95 Hampſted turtle lady 12. 2.
96 Spotted meadow turtle lady 29. 8
97 Water flea beetle 13. 9
98 Black lined golden beetlin 31. 4
99 Yellow tipt black beetlin 31. 7.
100 Ruſſia capricorn 8. 8
101 Waſp capricorn 30. 4
102 Black tipt ſmall capricorn 30. 5
103 Small azure capricorn 31. 2
104 Norway box capricorn 23. 7
105 Orange feather beetle 23. 4
106 Brown garden ſnail 50. 14
107 New market heath ſhell 17. 6
108 Dales ſpangle ſhell 31. 5
109 Thick oat ſhell 35. 6
110 Slender oat ſhell 30. 7
111 Edged ſaucer ſhell 10. xi
112 Mitcham wrymouth 10. 8
113 Common ſmall river ſhell 18. 8
114 Tower ditch gig ſhell 18. 2
115 Double girdled covin 34. 4
116 Single girdled covin 31. 5.
117 Hairy girdled covin 34. 6
118 Great orcade covin 36. xi
119 Dell's girdled winkle 18. 5
120 Wrack ſpangle 35. 8
121 Small ſilver muſcle 17. 9
122 Golden peak ſattin 15. 3
123 Norway parchment moſs 14. 6
124 Tunbridge maiden cleer 13. 4
125 Small graſs muſhroom 15. 4
126 Cantabrick heath 27. 4
127 Wallace orkney nut 34. 10
128 Byerly copper ſnail 28. 10
129 Flat fairy beads 19. 12
130 Stirling ſtone moſs 10. 10
131 Rope netted Byerly ſlate 19. 1
132 Byerly black diamond ſlate 21. 2
133 Byerly gritty diamond ſlate 22. 12
134 Great Pine ſlate 35. 9
135 Small pine ſlate 35. 10
136 Bean eyed ſlate 18. 9
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139 Rondelets marble crab 20. 10
140 Short clawed lerina crab 20. xi
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142 Italian ſmall button ſhell 17. 1
143 Mompilier button ſhell 22. 10
144 Yorks ſnail ſhell 44. 7
145 Wrinkled olive ſhell 27. 2
146 Common Levant olive ſhell 45. 14
147 Charlton's brimſtone butterfly 10. 6
148 Rays Alpine butterfly 23 8
149 Portugal grayling 7. 5
150 Liſbon butterfly with bloody ſpecks 1. 8
151 Small Liſbon tortoiſe butterfly 33. 2
152 Charltons Mompelier moth 3. 3
153 Leghorn hawk moth 12. 9
154 Liſbon blue humble bee 12. 5
155 Levant cicada or dew fly 15. 7
156 Norway pounct goat beetle 2. 1
157 Small marble Norway goat-beetle 8. 5
158 Yellow ſpeckled Norway piper 8. 9
159 Liſbon rhinoceros beetle 8. 4
160 Slender Levant mantis 28. xi
161 Levant ſive coral 47. 12
162 Green Mompelier thread ſpunge 4. 12
163 Four leaved duckmeat 5. 12
164 Gallipody ceterac 17. 13
165 Paris ſpearwort 25. 4
166 Vailliant's leaſt Paris ſpearwort 25. 4
167 Sicilian ſpearwort 24. 9
168 Juniper leaved campion 34. 12
169 Star ſnake wort 18. 6
170 Klem's Ruſſia muſcle 30. 1
171 German hermaphrodite foſſil 47. 13
172 Speners ring ſtone 45. 12
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174 Philippine centaur monſter 45. 4
175 Ditto flying cat monkey 9. 8
176 Ditto naked monkey 13. xi
177 A bugee from Joanna 17. 5
178 Small ſcaly lizard 20. 12
179 Luzon Guana 40. 9
180 Ditto flying dragon 39. 2
181 Ditto calao 28. 6
182 A bill of the ſame ſpecies 31. 1
183 Chineſe blue bird 23. 5
184 Striped ſnake of Borneo 29. xi
185 Scarlet luzon flying fiſh 30. 2
186 Luzon ſucking fiſh 44. 12
187 Philippine foal 26. 10
188 A ſtrange ſaw-like bone 36. 4
189 A ſmall ſquare fiſh 1. 2.
190 Marbled luzon thorney lobſter 29. 7
191 Greater luzon ſquill 43. 6
192 Smaller luzon ſquill 43. 13
193 Great Zeylon ſcorpion 13. 2
194 Flat China ſtar urchin 36. 12
195 Double rayed, China ſea-ſtar 4. 6
196 Great bloody ſpotted luzon butterfly xi. 8
197 Sooty luzon brown argus 39. 4
198 Goff's Indian marbled butterfly 22. 8
199 Madraſs yellow tricolor 4. 3
200 Ditto frittillary 40. 4
201 Triangular eyed luzon argus 27. 5
202 Luzon 7 eyed argus 27. 6
203 Roſe mallow luzon argus 39. 5
204 Its caterpillar and coffin 29. 6. 7
205 White veined luzon butterfly 37. 5
206 Blue underſtreakt luzon butterfly 38. 10
207 Yellow brown pied luzon butterfly 28. 7
208 Ditto black edged luzon butterfly 28. 9
209 Goliah hawk moth 8. 7.
210 Biga hawk moth of luzon 40. xi
211 Its catterpillar and coffin 40. 12. 13
212 Great chuſan moth 18. 3
213 Yellow brown ſtreakt chuſan moth 16 7
214 Smith's brown Bengal moth 41. 10
215 Ditto greeniſh Bengal moth 41. xi
216 Ditto Bengal lanthorn moth 40. 3
217 White luzon moth bloody edged 45. 6
218 Black golden eyed luzon moth 43. 15
219 Brown and white luzon moth 28. 8
220 Its coffin and caterpillar 37. 2. 3
221 Tricolor marbled luzon moth 43. 3
222 Its caterpillar and coffin 43. 4. 5
223 Luzon beauty moth 26. 3.
224 Luzon oval feathered caterpillar 39. 12
225 Its pea-like coffin 39. 13
226 Madraſs ring-coffin 5. 9
227 Luzon gnat 40. 6
228 Luzon 3 horned fly 41. 5
229 Chuſan thorney cricket 39. 9
230 Thorn ſhouldered luzon bugg 40. 7
231 Green luzon bugg 41. 6
232 Many coloured luzon bugg 41. 1
233 Amber bugg, with black wings 8. xi
234 Black luzon rhinoceroes beetle 44. 9
235 Luzon ſtag beetle 47. 15
336 Luzon bull beetle 29. 2
237 Luzon elephant bull beetle 49. 8
238 Borneo elephant bull beetle 14. 12
239 Great luzon capricorn 47. 1
240 Black and golden luzon capricorn 28. 5
241 Staphurſt's verdigreaſe ſpotted capricorn 4. 7
242 Spotted chuſan cantharis 50. 5
243 Luzon houſe cock roach 48. 9
244 Luzon ſquill comber 42. 2
245 Speckled luzon tree comber 38. xi
246 Great copperiſh luzon comber 28. 3.
247 Dirty ſpeckled luzon comber 38. 5
248 Crack ſheathed luzon comber 26. 9
249 Pale green luzon comber 41. 2
250 Small luzon cheſnut comber 38. 6
251 Green Bengal carab 20. 8
252 Green yellow ſpotted Bengal carab 22. 7
253 Green luzon carab 48. 5
254 Gray luzon chaffer 37. 6
255 Blue copper ſpotted luzon chaffer 49. 7
256 Broad black luzon chaffer 42. 3
257 Narrow black luzon chaffer 37. 12
258 Luzon ſnap-beetle 27. 10.
259 Bengal green ſtocker 21. 12
260 Luzon green ſtocker 37. 7.
261 Great Bengal trumpeter 35. 5
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263 Luzon copper ſtriped cow lady 41. 3
264 Luzon ſcarlet cow lady 48. 2
265 Its ſeveral changes 48. 3 4
266 Luzon many ſpotted cow lady 48. 6
267 Its changes id.
268 Luzon turtle lady 9. 1
269 Its changes 9. 2. 3
270 Smyrna ſea louſe 1. 4
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272 Ditto notched bull crab ſpider 26. 7
273 Ditto moon-horned crab ſpider 26. 6
274 Ditto triple m. horn'd crab ſpider 26. 8
275 Harmleſs Tarantula of luzon 50. 1
276 Its ſilken egg bag 50. A
277 Tricolor ſwathed luzon ſpider 50. 3
278 Its white flat egg bag 50. B.
279 Luzon houſe ſpider 50 1
280 Ditto ſpotted long legs 50. 4
281 Ditto ſharp tailed ſpider 43. 14
282 Ditto deadly copper ſpider 29. 4
283 Ditto black leggedtricolor ſpider 29. 6
284 Ditto brown hairy ſpider 29. 10
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286 Luzon black girdled ſnail ſhell 32. 2
287 Grey's Madraſs ſawcer ſhell 1. 6
288 Topſy-turvy ſnail ſhell 20. 9
289 Stocker's Bengal ragged mouth 4. 10
290 Small Perſian olive-whelk 17. 4
291 Grey's Indian pot-belly xi. 6
292 Perry's Indian pap ſhell 3. xi
293 Indian ear ſhell not perforated 12. 4
294 Venus Bugle 14. 10
295 Bengal 20. 4
296 Saffron ring'd white cowry 6. 8
297 Buff Leopard cowry 8. 3
298 Newt-bellied cowry 5. 1
299 Newtakin cowry 12. 7
300 Argus cowry 9. 7
301 Small notch-bellied bluiſh cowry 30. 3
302 Small flat bellied bluiſh cowry 30 9
303 Saffron ſpecked cowrykin 8. 2.
304 Saffron girdled cowrykin 8. 10
305 Black ſpeckled ſilver cowrykin 10. 5
306 Ditto and yellow ſtreak Madraſs xi 3
307 Ditto and white girdled do olive xi. 5
308 Ditto and white waved olive 49 9
309 Ditto olive with white ſpecks 18. 1
310 Ditto warted condore olive 48. 14
311 Jones bloody ſpe. gir. ſm. whelk 4. 5
312 Chain girdled ſlamper 15. xi
313 Charlton's gir. waved gol. ſlam. 27. xi
314 Indian golden girdled ſlamper 28. 4
315 Thick Madraſs ſlamper 19. 9
316 Warty Madraſs ſlamper 19. 10

317 Luzon leopard ſtamper 47. xi
318 Luzon fair-wing 48. 13
319 Broad hoof ſtopple 4. 9.
320 Narrow hoof ſtopple 4. 8
321 Madraſs reddiſh ſtopple 16. 3
322 Warty Indian ſtopple 28. 12
323 Borneo ear-cap 21. xi
324 Smooth comdore ſcallop 49. 13
325 Luzon duck bill 32. 9
326 Luzon hammer oyſter 45. 3
327 Madraſs furrow-waved tellen 13. 8
328 Madraſs ſmooth waved tellen 16. 9
329 Madraſs broad-headed tellen 19. xi
330 Undulated comdore purr 48. 15
331 Indian venus cockle 31. 9
332 China creſted balanus 6. 10.

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333 Blue ſpeckled luzon coral 10. 12
334 Purpliſh luzon ſpunge coral 31. 8
335 Bloody luzon ſpunge coral 31. 12
336 Double netted luzon fan 32. 1
337 Luzon nett-ball 32. 3
338 Luzon furze coral 35. 12
339 Luzon gozo 27. 12
340 Ship pipe-wrack 9. 6
341 Luzon Scarlet agarick 48. 1
342 Madraſs wrack moſs x. 1
343 Luzon penny fern 48. 12
344 Luzon round cut fern 4. 4
345 Luzon ſaw-fern 48. xi
346 Luzon willow fern 47. 10
347 Luzon protean fern 20. 3
348 Great luzon willow ceterac 49. 5
349 Small luzon willow ceterac 47. 9
350 Luzon crooked ceterac 14. 1
351 Luzon heart ceterac 50. 12
352 Luzon notcht ceterac 49. 4
353 Luzon fumitory oſmund 47. 8
354 Fine veined Madraſs pondweed 32. xi
355 Fine veined Madraſs yam 31. 6
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357 Luzon rue teaſel 20. 1
358 Madraſs agrimony 32. 10
359 Small Madraſs motherwort 32. 12
360 China liveleng crowfoot 12. 3
361 China orange crowfoot 19. 6
362 China arrow head 19. 5
363 Malabar netted cucumber xi. 2
364 Madraſs baſtard clovewort 5. 8
365 Ditto graſs birdsfoot xi. 12
366 Ditto penny birdsfoot 26. 1
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368 Ditto Penny lentils 33. 1
369 Ditto hairy lentils 30. xi
370 Ditto hairy rattle brown 30. 10
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376 Luzon doſo 19. 7
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379 Zerumbet 23. 3
380 Caſſamuniar 27. 1
381 Encalades amomum 20. 2
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383 Zedoary 23. 1
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386 Chuſan hare graſs 36. 1
387 Luzon dodder-berry 49 12
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390 Viziagapatan ball 22. 1
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405 Kamel's kernel 42. 4
406 Necklace kernel 38. 4
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408 Manile mananangtang 19. 8
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410 Naican brittle nut 42. 8
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426 Chuſan laurel whorts 35. 7
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433 Ditto yellow headed humming bird 7. 9
434 Ditto ſilver ſnake 16. 12
435 Ditto tricolor ſnake 10. 3
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437 Ditto dew fly 4. 1
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439 Ditto feather legs 12. 1
440 Ditto yellow tail'd [illegible] 12. xi
441 Ditto mole [illegible]
442 Black and orang. cape [illegible]le 8. 6
443 Ditto furrowed [illegible]e 24. xi
444 Ditto cape ſlug [illegible] 12. 6
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446 Great cape centi[illegible] 3
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458 Ditto maudlin with ſamp. leaves 34. 1
459 Ditto ſoft leaved herman 34. 2
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461 Ditto Myrtle cone 6. 4
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464 Ditto hoary headed breynian 5. 4
465 Ditto heath breynian 5. 2.
466 Ditto ſpiked breynian 3. 9
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468 Ditto cotton headed heath 2. 9
469 Ditto mouldy headed heath 2. 10
470 Ditto time lewiſan 5. 7
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474 Kirckwood's ſpeckled angola but. 9. 5
475 Kirckwood's ſelvidge eyed an. but 6. 9
476 White ang. but. with bloody tips 9. 10
477 Skeen's brown pied butterfly 12. 10
478 Planer's yellow Guiney moth 29. 3
479 Nonpareil gir. bodied Gui. moth 33. 7
480 Briſtle tailed mount ſerado fly 2. 4
481 Sprinkle winged Aleppo alderblt. 3. 1
482 Small aleppo ſtreaked beetle 2. 12
483 Hairy ſpeckled Aleppo gr. beetle 13. 5
484 Warty wida unicorn ſhell 5. 5.
485 Flat aſcention balanus 9. 9
486 Bloody warted Barbary muſhroom 39. 8
487 Barbary wild oats 38. 7
488 Ditto glaſswort 40. 2
489 Ditto Ragwort 41. 4
490 Ditto bluſh carline 38. 12
491 Ditto whorle leaved teaſel 41. 7
492 Ditto notch leaved feverfew 40. 5
493 Ditto naked daiſy 40. 1
494 Ditto ſea lavender 41. 12
495 Ditto ſmall ſtar fig. 39. 3
496 Ditto like bindweed 40. 10
497 Ditto white broom 37. 13
498 Sweet yellow Barbary milkwort 41. 9
499 Saw-leaved Barbary dwarf ciſtus 38. 9
500 Purple Barbary broom rape 37. 4
501 Barbary dwarf-like aloes 40. 8
502 Barbary fox grape 39. 1
503 Yellow Barbary ſpurgewort 38. 8
504 Boccones Barbary thorn 29. 1
505 Guiney like nutmeg 38. 1
506 Ditto Myrtle xi. 7
507 Ditto Hare graſs 2. 7
508 Ditto Taggee 17. 10
509 Ditto pierced wood nut 37. 10
510 Common abrus 44. 1
511 Great anacock 41. 4
512 Canary orchili 7. 12
513 Palma pellitory 7. 2
514 Smyrna reaper, a ſculpture 16. 2

AMERICAN Animals, Vegetables, &c.

515 Carolina bull frog 25. 5
516 Maryland blue tailed lizzard 1. 1
517 Maryland blue chin lizzard 14. 8
518 American white ſpotted ſnake 6. 5
519 American ribbond ſnake 46. 1
520 An ear tufted water fowl 43. 12
521 Maryland flame throat 3. 8
522 Maryland yellow throat 6. 1
523 Surinam bill bird 44. 13
524 Ditto red cap 46. 12
525 Ditto yellow cap 46. 13
526 American toad fiſh 20. 6
527 Brazil ſpotted barbel 2. 7
528 Carolina ſea louſe 1. 3
529 Barbadoes ſtar egg 5. 3
530 Wm. yel. tipt Carolina butterfly 7. 10
531 Bohuns yel. ſpotted Carolina but. 6. 12
532 Wm's orange gird. Carolina but. 15. 9
533 Wm's ſelvedge eyed Carolina but. 33. xi
534 Jones's Maryland ſelvedge eye 2. 3
535 Virginia painted lady 33. 5
536 Black darien but. with 2 white ſp. 6. 7
537 Mexican but. with 2 ſcarlet blots 4. 2
538 Jamaica tricolor 13. 1
539 Vincent's large Surinam pea. eye 28. 3
540 Vincent's Surinam long tricolor 12. 8
541 Charlton's cop. bliſt. Surinam but. 10. 6
542 Small blue Surinam butterfly 46. 15
543 Green Maryland large page moth 14. 8
544 Maryland long croſs moth 17. 7
545 Maryland ſhort croſs moth 17. 8
546 Maryland ermin moth 17. 2
547 Maryland buff ermin moth 3. 2
548 Golden lan. Carolina but. moth 32. 5
549 Great Carolina lanthorn bee moth 32. 7
550 Maryland mottled bee moth 17. 12
551 Carolina twig coffin 7. 6
552 Feather horned Carolina fly 6. 6
553 Virginia winglefs waſp 13. 10
554 Clear tipt Maryland adderbolt 15. 1
555 Cloud tipt Maryland adderbolt 15. 2
556 Mexican bull rhinoceros 46. 14
557 Brown Maryland bull rhinoceros 24. 10
558 Campeachy goat chaffer 24 6
559 Bohun's brown ſpeck. goat chaffer 25. xi
560 Maryland waſp beetle 27. 3
561 Carolina waſp cantharis 33. 9
562 Copper ſpotted Maryland carab 2. 2
563 Velvet eyed Virginia ſnap beetle 10. 4
564 Marſhal's Virginia chaffer 27. 7
565 Green Maryland chaffer 27. 9.
566 Green Maryland horn chaffer 27. 8
567 True cochineel with its changes 1. 5
568 Great Maryland cow lady 33. 3
569 Straw Maryland cow lady 26. xi
570 Yel. & black ſtr. Maryland beetle 17. xi
571 Speckled Barbadoes rag oyſters 24. 12
572 American rugged hart hencle 25. 9
573 American ridged hart hencle 24. 5
574 Jamaica pointed henckle 25. 8
575 Dominico tellen 18 4
576 Flat Jamaica two tooth'd ſhell 21. 6
577 Barbadoes lady whelk 22 xi.
578 Stoneſtreets flat pap ſhell 3. 12
579 Barbadoes lattice pied nerit 13. 12
580 Barbadoes partridge nerit 10. 4
581 Small Jama. ſaffron mouth'd nerit 15. 8
582 Common American olive 9. 4
582 Barbadoes net olive 30. 6
583 Hollow twirl'd nevis unicorn 46. 7
584 Barbadoes diper, 50. 13
585 Barbadoes ring ſhell 15. 5.
586 Strattons American ſtar coral 48. 10
587 Lewis American ſand pore 49 6.
588 Robinſons American ſpunge pore 23. 2
589 Strattons Barbadoes ſpunge coral 23. 6
590 Virginia orack ſilver tufts 7. 4
591 Maryland randal wort 6. 2
592 Kriegs Maryland ſlen. Plantain 1. 10
593 Flat Barbadoes abrus 44. 5
594 Long Antegoa abrus 44. 2
595 Long Antegoa ſcarlet abrus 44. 3
596 Jamaica magpy kidney bean 38. 2
597 Yellow Maryland ſtar pimpernel 2. 5
598 Carolina ground flax 5. 6
599 Vigo beetle 46. 6
600 Mexican Chocolate beetle 46. 5
601 True Vanilia 46. 2. 3. 4
602 Blue Virginia water hyacinth 1. 12
603 Yellow Virginia graſs ſtar flower 1. xi
604 Maryland winckle berry 1. 13
605 Pomets Peruvian bark 49. 9. x. xi
606 Mexican tulip claw 46. 8
607 Carolina turtle foſſil 46. 16.

FINIS.

GAZOPHYLACII NATURÆ & ARTIS DECAS SEXTA.

In quâ Animalia, Quadrupeda, Piſces, Aves, Reptilia, Inſecta, Vegetabilia, Foſſilia & Lapides Figurâ inſignes, Corpora Marina, Stirpes Minerales è Terrâ eruta, *&c.*

Item Antiquaria, Numiſmata, Gemmæ exciſæ, Lucernæ, Urnæ, Inſtrumenta varia, Machinæ, Buſta, Effiges clarorum Virorum, omniaque *Arte* producta. *Deſcriptionibus* brevibus & *Iconibus* illuſtrantur.

PATRONIS ſuis & MOECENATIBUS D. D. D.

JACOBUS PETIVER. *S. R. S.*

ENGLISH Animals, Vegitables, and Foſſils.

TAB. LI. Fig.

1 THE Effigies of that Worthy and Learned Naturaliſt Mr. *John Ray* done a little before his Death. He was Born *A. D.* 1627. at *Black Notley* in *Eſſex*, where he dyed *Jan.* 17. 1704. Aged 77 Years, See a *Catalogue* of the greateſt part of his WORKS annex'd to his *Methodus Plant. emendata & aucta. Cat. n°.* 1.

2. Ivy-leaved *Belflower.*

Mr. *Jacob Bobart*, firſt ſent me this elegant Plant gathered about *Oxford*; it is alſo found in the *Weſt* and *North* Parts of *England.*

3. Mr. *Doody*'s netted *Crow-ſilk.*

Firſt *diſcovered* by that *memorable* NATURALIST near *Weſtminſter* and in the Rivulets on *Hounſlow-heath*, where I have gathered it with him.

4. Butterfiſh, Nine Eyes *Cat. Claſſ.* and *Topic.* 4.

Mr. *Charles Dell* ſent me this from *Falmouth*, where its call'd *Nine Eyes* from its Spots.

5. *Durham* Sea Snail *Cat.* 3.

Call'd ſo there and in *Yorkſhire* from its *Slymineſs.* It's ſometimes caught 4 or 5 Miles from the Sea in the Mouths of *Salt Water* Rivers in thoſe Parts.

6. *Godarts* ſtreak'd *yellow Moth*, *Cat.* 21.

Mr. *Tillman Bobart* gave me this Moth, and is the only one I have yet ſeen; its *Caterpillar* feeds on *Elder* Leaves.

7. Pin-headed *Cobweb* Muſhroom, *Cat.* 117.

Dr. *Charles Goodall* Preſident of the *College* of *Phyſicians* ſent me this, which he obſerv'd to ſpring from *Flower* and *Water* putrefied.

8. Flat thin *Scallop Slate*, *Cat.* 69.

This elegant *Slate* that curious Naturaliſt Dr. *Richard Richardſon* ſent me, dug out of the *Coal-pits* about *Haliſax* in *Yorkſhire.*

9 *Godarts* Willow *Grayling*, *Cat.* 20.

The *Caterpillar* of this *Moth* is found in the Bodies of rotten *Willows.*

10. A Pogge *Cat. Claſſ.* and *Top.* 2.

It is ſo call'd by the *Fiſhermen* in *Durham* and *Yorkſhire.* Our curious Brother Mr. *Sam. Dale* Apothecary at *Braintree* in *Eſſex*, firſt ſent me one of theſe *Fiſh* dryed.

11. *Cumbers* Egg-ſtone, *Cat.* 51.

Firſt found by that Perſon about *Newton-grange* in *Yorkſhire.*

12. Great *Prickle-back*, *Cat.* 5.

About *Hamburgh* they are call'd *Steinbicker* and in *Hillingland Erſkraper.* Mr. *Charles Dell* ſent me this rare *Fiſh* caught about *Falmouth* in *Cornwall.*

TAB. LII.

Spaniſh *and* Mediterranean *Shells and Plants.*

1. GRanada *Furze*, with a hoary Cod. *Cat.* 175.

It *flowers* in *March* on the *Granada* Hills, where they call it *Molino.*

2. Small Autumnal *Daffodil.* Cat. 174.

In *October* it bears a 6 leaved white *Flower*, with a ſmall yellow *Cup*; it *grows* on the River *Ana* in *Algarve*, where its call'd *Tonada.*

3. Small *Salamanca* Eryngo *Cat.* 163.

Grows frequently on the Hills there, about a Span high and *flouriſhes* after *Harveſt.*

4. Portugal *Pilewort* with notch'd Leaves, Cat. 165.

Commonly found in the *Vineyards* about *Liſbon*, it's call'd there by ſome *Montan*, Flowers in *November*, and holds its Leaves all Winter; Mr. *William Brown* Surgeon tells me they eat the *Leaves* as a *Sallet.*

5. Small *Spaniſh* Purple *Thrum flower*, Cat. 172.

Grows a Span high on the ſtony Hills of *Salamanca* flowring in *May.*

6. Button headed *Caſtile* Rocket *Cat.* 171.

It *flowers* in *May*, they are 4 leaved, deeply cut and yellow. *Grows* a Foot and half high by Path Ways, and Dunghilly Places.

7. Small white *Liſbon* Cockle, Cat. 154.

On the faireſt of theſe may be ſeen fine Waved ſtriæ reſembling a *File.*

8 Small *Naples* Cockle, Cat. 153.

The largeſt of theſe weigh but 15 Grains. The *Reverend Father Bonan. S. J.* at *Rome* ſent me this and the laſt.

9. Small thick *Naples* Cockle Cat. 155.

Like the laſt but much thicker with reddiſh Spots. The common Size weighs about 36 Grains. Mr. *William Brown* Surgeon, found theſe at *Gibraltar* and *F. Bonan* at *Tarenta.*

10. *Pantalerie* Cheſtnut *Gowry*, Cat. 151.

Found on the Shores there, and ſent me with the Two laſt. Its of the Size of the Figure and weighed 3*ij.*

11. Great *Piſa* Button Shell, Cat. 144.

Flatter then our *Hedge Snail* and larger. Mr. *Burdet Surgeon* brought me this and the next from *Piſa.*

12. Small *Piſa* Button Shell, Cat. 145.

Like our *Garden Snail* but leſs. *Dr. Sherard* found this about *Rome* and Mr. *Burdet* at *Piſa.*

13. Small *Gibraltar* Ruggle, Cat. 149.

The Lip is generally tipt with blew. Mr. *Brown* gathered this at *Gibraltar*, they are alſo found on the *Adriatick* and *French* Mediterranean Shores.

14. Tiney *Ruggle*, Cat 148.

Much leſs than the laſt, and found in the ſame Places

TAB. LIII.

INDIAN Birds, Shells *and* Plants.

1. BEngal *Amadavad*, *Cat.* 181.

A ſmall ſpeckled *Bird*, brought in Cages from the Bay of *Bengal*, *Madras*, &c.

2. The *King-bird* of *Paradiſe*, Cat 183.

Brought from the *Moluca Iſlands*, and rarely to be ſeen here, but in the *Cabinets* of the moſt *Curious*, as with Dr. *Sloan* and in the *Repoſitory* of the *Royal Society.*

2. Little

3. *Luzon* 7 eyed *Argus*, Cat. 198.
This above is mostly black, with whitish Fields, it's finely *eyed* underneath as you may see *Tab.* 27. *Fig.* 6.
4. Indian *Knobble* Shell, Cat. 230.
An elegant golden Shell with white Knobs.
5. Grals girdled *Indian* Unicorn, Cat. 263.
A beautiful Shell and rarely met with.
6. Small *Hebrew* Gowry. Cat. 272.
This is netted with *Hebrew* like *Characters* and comes from many Parts of *India*.
7. Thin *Indian* Ear-cap, Cat. 269.
Mr. *Charles Perry* brought me this from *India*.
8. Small *Indian* Canoe-shell, Cat. 270.
Brought by the same Hand. It's of an odd Shape, and sticks to larger Shells.
9. Great *Indian* furrowed *Worm-shell*, Cat. 266.
This is the *Entalium* or *Entaglia* of the *Shops*. I take it to be the *Case* of a sort of a *Scolopendria* or other *Sea-worm*.
10. *Malabar* Fennel *Randall*, Cat. 344.
This has single naked *Heads*, each growing out of a sheathed Pedicle. *Found* in watry places.
11. *Malabar* Arrow Grass, Cat. 323.
Grows in sandy Soil. Given with *Asa fœtida* and *Ginger*, it eases Gripes in the Bowels.
12. Flat, Pearleaved *Malabar* Tail Pepper, Cat. 382.
This is constantly bearing Fruit, and when once fix'd to a Tree, it rarely leaves it even tho' dead.

TAB. LIV.

East India Animals and Plants.

1. INdian *Forked Tail*, *Cat.* 182.
This Bird's Tail opens and shuts like a *Taylor's Sheers*, and for that reason the *Portuguese* call it *Rabo Forcado*.
2. Sea Divel. *Zee Duyvel* Belg. Cat. 188.
So call'd from it's frightful Shape.
3. *Araneus* Luzon. *varius, niger, splendens.*
The Forcipes or Pincers are so long and large that when joined it's not easy to distinguish the Head from the Tail.
4. *Araneus* Luz. *ex albo & griseo mixtus.*
The *Spaniards* at *Luzon* call this *Spider* Cayman *de las Moscas*, because he catches *Flies* as the *Crocodile* does his Prey. He lives in the Chinks of Walls.
5. *Pectunculus* Borneocus *striis altè incisis.*
This neat *Cockle* with *Fig.* 7. Mr. *Rance Surgeon* brought me from *Borneo*.
6. Grey eyed *Indian* Whelk, Cat. 231.
Is a rare *Shell* the bigger Knobs grey the less Brown.
7. *Borneo* Thimble Grater, Cat. 268.
The outside is rough like a Grater, and hollow like a *Cap* or *Thimble*.
8. Malabar *Hart's-tongue* with grassey Leaves, Cat. 319.
This elegant *Fern* grows in *Rocky* places.
9. Plain scandent *Malabar* Fern, Cat. 313.
This has whole Leaves and climbs about *Trees*.
10. Round leaved *Malabar* Venus-hair, Cat. 311.
It's large notch'd Leaves on single Stalks, distinguish it from others.
11. Star leaved *Malabar* Hedge-Hyssop. Cat. 361.
This pretty little Plant grows in moist sandy places.
12, 13. Sweet Scarlet *Malabar* Bontian, Cat. 366.
The *Hortus Malabar* says these *Mistletoes* are endued with the *Virtues* of the *Trees* they grow on.

TAB LV.

Persia *Trees, Herbs, Shells, &c.*

1. LOng tail'd *Indian* Parrot-sparrow, *Cat.* 184
The Body exceeds not a Sparrow's, it's of divers colours, as blew, green and yellow, its *Tail* black composed of 4 narrow Feathers 9 Inches long.
2. A Small Indian Shell *with grey like Scales*, Cat. 232.
3. *Another* with black and white *Lists*, Cat. 233.
4. *Another* deeply furrowed, mark'd with black and white, Cat. 227.
5. A *sort* of Winckletrope *with Ribs finely chained*, Cat. 234.
6. A Unicorn Shell *with Bugle Twists*, Cat. 262.
7. The Pigmies *Trumpet*, Cat. 259.
8. *Aladinl* or *Asdalbul*, Cat. 375.
This *Herb* has a sweet white Flower, on which grows the Resemblance of a *Cow's head*, and the *Persians* who adore this Beast, adorn it's Head with it.
9. Bulilla *so call'd by the* Persians, Cat. 364.
It's *Fruit* is very hard, round and red like *Corall Beads*, they give them in Powder to stop Blood, it also helps Weakness of Digestion.
10. A *Persian Tree* call'd *Archam* Cat. 388.
The *Leaves* are trifid, the *Flower* small and white, it's *Fruit* scaly, very good in Fevers, the *Root* is call'd *Mater Dei* or *God's Mother*.
11. A *Thorney Tree* with a very pleasant *Flower* and Fruit, in *Persia* where it grows, they call it *Carda*. Cat. 390.
12. Feather-leaved *Malabar* Cistus, Cat. 369.
This pretty Plant grows in sandy places, with a blush coloured *Flower*.

TAB. LVI.

Persia Plants and *India* Shells.

1. SMall *Indian* Musick Shell, *Cat.* 246.
A pretty whitish Shell chained with black.
2. White *Indian Cockle* with golden Rays, Cat. 295.
3. Black scaled *Indian Nerit*, Cat. 228.
This shining Shell has 3 Girdles of white and black Scales set alternately.
4. *Indian* furrowed *Unicorn* with a wry Mouth Cat. 264.
5. India *Lattice shell*, Cat. 235.
These are of divers Colours sometimes white, black and greenish, its netted like course Linnen.
6. Knotty chained *Indian* Spindle Shell, Cat. 250.
Partly coloured and wrinkled with many Folds and Knots.
7. A broad headed, thick blackish Shell with hairy Girds. Cat. 258.
8. Star-leaved *Persia* Chickweed, Cat. 381.
Has hoary Leaves at each Joynt spotted with white, *grows* in *Persia* and flowers there in *September*, each consists of 5 small purplish Leaves.
9. Persian *Ardabar*, Cat. 373.
It has 2 *Leaves* very particular, resembling a *Chopping-knife*, whence rises a thorny *Stalk* topt with a Cluster of *Berries*, first green, then reddish and pale in the middle.
10. Persian *Kanadi* Cat. 365.
They adorn their Houses with the *Flowers* of this *Bulb*, which are yellow, and smell very sweet.
11. *Flos Cicatrix seu Bucbenda Persicis*, Cat. 389.
The *Leaves* are trifid, the *Flowers* inwardly yellow, with a very red Bottom, these stop Blood and the Root is given in Pains of the Kidnies.
12. *Lupine-leaved* Persian Dragons Cat. 374.
Its *Stalk* and *Hood* are yellow, speckled with red; they apply the *Root* to Venereal Sores, and the biting of *Serpents* with Success.

TAB. LVII.

Cape Plants, Shells *and* Reptiles.

1. CApe Inga *with socket Leaves*, *Cat.* 532.
2, 3. Its *Fruit* and *Seed*. The first mostly red.
This strange Plant and the 4 next are *Figured* from those most *curious Paintings*, which the *States* of *Amsterdam* presented with many others to the most *Reverend Father in God Henry* Lord Bishop of *LONDON*, when his *Lordship* was at the *Congress* there, *A. D.* 16[illegible].
4. Red *Cape Cherry* with a blunt Leaf, Cat. 527.
The *Stone* yellowish.
5. Blew *Cape Cherry* with a pointed Leaf, Cat. 526.
The *Fruit* first green, then blewish inclining to black, the *Stone* whitish.
6. *Prickly tern-feathered* Cape *Sparagus*, Cat. 443.
The *Branches* generally grow Three together, rarely Four. The *Berries* scarlet.
7. *Thick-rooted* Cape *Bermudian*, Cat. 489.
8. The Root.
These *Flowers* are small and white.
9. *Deep furrowed* Cape *Muscle*, Cat. 418.
I received this from Mr. *John Stamemberg* and others.

10. *Cape*

10. *Cape* Button *Shell*, Cat. 413.
Like our common *Hedge-ſhell*, but ſomewhat bigger and thicker.
11. Cape *Lattice-ſhell*, Cat. 412.
It's ſomewhat oval or checkered, Mr. *Perry* and Mr. *Stocker* have brought me this from the *Cape*.
12. *Warty* Cape *Shell-ſtopple*, Cat. 415.
13. Its revers. Theſe are pretty common, but as yet I know not to what Shell it's a Cover.
14. *Small* Cape *Chain twirl'd Top-ſhell*, Cat. 414.
This has a ſmall *Navel* and pearly within
15. *Croſs-back'd* Cape *Lizard* Cat. 402.
A very particular *Animal* which I ſhould be glad to ſee. I *figured* it from *Father Tachard's* Cape *deſigns*. It's leſs venemous than the next.
16. Cape *Ceraſtes* or *Horn Snake*, Cat. 404.
I have a *Painting* of this, and ſhould be glad to ſee the *Serpent* it ſelf. Its *Poiſon* is ſaid to be extremely dangerous.

TAB. LVIII.

Cape Lizards, Plants *and* Inſects.

1. TAIL, Cape *Heart's-caſe*, *Cat.* 525.
The *Leaves* are long ſerrated, grow oppoſite and below double, its *Flowers* are finely mark'd with white, red, yellow and ſomewhat of blew.
2. *Single*, *hooded* Cape *Gladiole*, Cat. 505.
The *Flower* white mix'd with red, the *apices* and 3 *tips* below are yellow.
3. *Cape* Saffron *with a knotty ſtalk*, Cat. 490.
The *Flower* blew and white with red Spots, the *ſtalk* purple. Theſe 3 elegant *Plants* were coppied, from the moſt *Reverend* the Biſhop of *London* his *Cape* Paintings.
4. Triangular *Tendril Bryar*, Cat. 523.
A very odd *Anomalous Plant*, yet what confirms its Veracity, is another Painting of it, (beſides that I ſaw in my *Lord* the Biſhop of *London's* Book) which I purchaſed of Mr. *Dolneus* a *German Surgeon* amongſt many other Cape *Paintings* I have figured in the 9th Decade, *viz.* from *Tab.* 81. to 91 in this ſecond *Volume*.
5. Small black and red *Cape Tick*, Cat. 411.
The Body Hatred, ſpeckled with black, the Legs and Horns all black.
6. *Shining* Cape *Steel Waſp* Cat. 407.
The *Face* and *Horns* orange, the *Legs*, *Back* and *Body* black, the *Wings* ſhine like *poliſht Steel*.
7. Cape *Diana* Moth, Cat. 409.
The upper *Wings* finely marbled with red, white and black, the *lower* wholly orange.
8. *Small green* Cape *Goat Beetle*, Cat. 406.
Its *Horns* black, very long and ſlender, the *Body* much like our *Cantharides* but ſlenderer, the under Wings blackiſh.
Theſe 4 laſt Inſects Mr. *John Starrembergh* ſent me from the *Cape of good Hope*.
9. *Soft-feathered* Cape *Coralline* Cat. 420.
This elegant *Sea Moſs* is not brittle like the *Shop Coralline*.
10. Cape *Horſetail Coralline*, Cat. 421.
This and the laſt Mr. *John Starrembergh* ſent me with many other *Sea Productions* not yet *figured*.
11. *Small* Cape *Salamander*, Cat. 401.
This is like our *European* but not ſo large. It ſqueaks like a *Rat*.
12. *Rough-ſcaled* Cape *Lizard*, Cat. 403.
This when hurt, raiſes up all his Scales and cries like a Child.

TAB. LIX.

Braſil Animals, Inſects *and* Plants.

1. WIde-mouthed *Braſil* Swallow, *Cat.* 542.
It's moſtly black, finely ſpeckled with white, and ſome yellow, its *Tail* 2 Inches long, and very fine.
2. *Braſil* Sand Eel, Cat. 543
About 9 Inches *long*; very *good Meat*; being white and ſhort.
3. *Braſile* Briſtle Fin, Cat. 546.
A broad flat *Fiſh*, with black ſhining ſilky *Scales*, ſome edged with yellow, *Fins* black, has a purple Ring about its *Mouth*.
4. Blewtail'd *Braſile* Lizzard, Cat. 534.
Has a ſquariſh *Body* very ſlick and ſmooth, black *Eyes*. Back whitiſh, but *Sides*, *Legs*, and *Head* brown.
5. *Croſs Goat-Chaffer* of *Braſil*, Cat. 552.
Call'd by the Natives *Quici*, its *Body* brown, croſs'd with yellow, *Horns* yellow and black.
6. *Braſil* Tortoiſe Beetle, Cat. 555.
Its *Legs* and *Body* of a golden green, with Copper Edges, it creeps ſoftly, and is ſlow to fly. The *Natives* call it *Tambeiva*.
7. *Braſil* Snap-beetle, Cat. 554.
Call'd there *Quici miri*, it's *Shoulders* black, with yellow Edges and *Cruſtwings* rib'd with black.
8. A *Shell* found on the Shores of *Braſil*, it's ſmooth and ſhining, *gnaled* with tawney and grey. Cat. 578.
9. The true *Ipecacuanha* or *Diſſenterick Vomit*, Cat. 592.
Is a low *Plant* with 6 or 8 ſoft veiny *Leaves*, amidſt theſe comes a ſmall *Head* of 12 or more 5 leaved white *Flowers*, which turn into dark red *Berries* with 2 ſmall *Seed* in each. It *grows* in moiſt *Woods*.
10. *Braſil* Star Parſley, Cat. 589.
From the Diſpoſition of its *Leaves* and the Scent of its *Root*. They call it there *Anapabaca*, I deſpaired ever ſeeing this elegant Plant, ſomewhat doubting its Exiſtence, until very lately being at *Amſterdam* Dr. *Henry Ruyſch* MD a very curious Naturaliſt, and *Son* of that *celebrated Profeſſor*, was pleaſed to preſent me with it and many other *Rarities*.
11. Jointed *Braſil* Inga, Cat. 597.
Call'd by the *Dutch* there *Lotus*, it bears a pleaſant edible *Fruit* ripe in *May*.
12. The *Leaves* of this *Braſil Plant* are thick as *Aloes*, the Edges notch'd and of a dark red. Cat. 594.

TAB. LX.

Braſil *Fiſh*, *Inſects and Vegitables*.

1. SEA *Porcupine*, *Cat.* 547.
This thorny *Fiſh*, is a ſort of *Sea Hedge-hog* call'd in *Braſil Guamajacu guara*, and by the *Portugueſe* there *Peiye Porco* and *Diabé*. Between its Prickles it's ſpotted with black, there are ſeveral ſorts in thoſe *Seas*.
2. Small *Braſil* Quill Locuſt, Cat. 551.
Call'd there *Arumatia*. It's greeniſh with ſpotted *Legs* the *Body* like a *Birch-twig* long and ſlender.
3. A ſtinking ſort of *Bug* with a yellow *Head* and green *Sheath-wings* ſtreak'd underneath with black, Cat. 553.
4. Speckled *Braſil* Tick, Cat. 555.
Stinks like a *Bug*, it's edged with yellow, and ſpotted with that blew and brown, they call it *Apeme*.
5. Steel waſp. *Paipai guacu Braſil*. Cat. 557.
A ſort of *Waſp* or *Hornet* ſhining like poliſht Steel.
6. A ſmall Liver coloured ſquariſh bodied *Crab*, with dark red Pincers, this the *Braſilians* call *Caranguna*. Cat. 539.
7. A ſmall *Nerit-ſhell*, with 5 whitiſh *Rays* bounded with black *Liſts*, found on the Shores of *Fernambuck* Cat. 576.
8. *Braſil* Sea-berry, Cat. 596.
Its *Leaves* very green, juicy, and thick like *Purſlain*, but larger, with white 5 leaved *Flowers*, the *Fruit* black, ſhining and moiſt, with a *Plumb* like Stone.
9. *Braſile* Pepper Cherry, Cat. 595.
Call'd there *Ibipitanga*. Its *Fruit* ſcarlet with 8 Furrows, taſts bitteriſh and ſomething hot like *Capſicum* or *Cod Pepper*.
10. A ſort of *Braſil Bindweed* with cordated *Leaves* and a white 5 cornered *Flower*, Cat. 590.
11. A peculiar ſort of *Braſil Herb*, with ſpongey hollow *ſtalks*, from the midſt of which grows one cordated *Leaf* and from thence as out of a Sheath riſes a *Spike* of ſmall 6 leaved purpliſh *Flowers*., Cat. 593.
12. A whitiſh *flowred Arum* or *Wake Robin*, with cordated narrow pointed *Leaves* but not milky as the other *Braſil* ſorts are, Cat. 591.

PLANTS *already Engraved in Mr.* Petiver's ENGLISH HERBAL.

Herbs with BLINK *Flowers*

SECT. I.

MAle *Hops* Ray Hiſt. Plant. 156. Syn. 52. T. 1. F. 1.
Female *Hops*. Ray Hiſt. & Syn. id. Tab. 1. Fig. 2.
Male *Hemp*. Ray H. Pl. 158. 1. Syn. 53. Tab. 1. Fig. 3.
Female *Hemp*. Ray id. Tab. 1. Fig. 4.
Male *Dog's Mercury* R. 163. 1. Syn. 53. 1. T. 1. 5.
Female *Dog's Mercury* T. 1. 6.
Male *French Mercury* R. 163. 2. S. 54. T. 1. 7.
Female *French Mercury* R. 163. 2. S. 54. T. 1. 8.
Great *Nettle* Ray 160. 4. S. 54. 1. T. 1. 9.
Small *Nettle* Ray 161. 5. S. 54. T. 1. 10.
Roman *Nettle* Ray 161. 6. S. 54. 3. T. 1. 11.
Small *Burdock* Ray. 165. 1. S. 55. T. 1. 12.
Great Water *Dock* Ray 177. 4. Syn. 55. 1. Tab. 2. 1.
Curl'd Sharp *Dock* Ray 173. 6. Syn. 55. 3. T. 2. 2.
Smooth Sharp *Dock* Ray 173. 7. Syn. 56. 4. T. 2. 3.
Small ſharp *Dock* Ray 174. Syn. 56. Tab. 2. 4.
Blood vein'd *Dock* Ray 174. 10. Syn. 56. T. 2. 5.
Bloodleſs *Dock* Tab. 2. Fig. 6.
Gold *Dock* Tab. 2. Fig. 7.
Bur Gold *Dock* Ray 174. 8. Syn. 56. 6. Tab. 2. 8.
Broad *Dock* Ray 173. 5. Syn 55. 2. Tab. 2. 9.
Fèddle *Dock* Ray 174. 9. Syn. 56. 5. Tab. 2. 10.
Buck-wheat Ray 182. 1. Syn. 57. 1. Tab. 2. 11.
Trailing *Buck-wheat* Ray 182. 2. Syn. 57. 2. Tab. 2. 12.
Common *Sorrel* Ray 178. 1. Syn. 56. 8. Tab 3. 1.
Sheep's *Sorrel* Ray 180. 14. Syn. 56. 9.
Barren Sheep's Sorrel T. 3. 3.
Welch *Sorrel* Ray Syn. 57. 10. T. 3. 4.
Common *Arſmart* Ray 182. Syn. 58. 1. Tab. 3. 5.
Creeping *Arſmart* Ray 183. 3. Syn. 58. 2. Tab. 3. 6.
Spotted *Arſmart* Ray 183. 2. Syn. 58. 3. Tab. 3. 7.
Spotted hoary *Arſmart* Tab. 3. 8.
Silver *Arſmart* Tab. 3. 9.
White branched *Arſmart* Tab. 3. 10.
Bobarts *Arſmart* Ray Syn. 58. Tab. 3. 11.
Amphibious Arſmart Ray 184. 6. Syn. 58. 4. Tab. 3. 12.
Common *Plantain* Ray 876. 1. Syn. 184. 1. Tab. 4. 1.
Dented *Plantain* Tab. 4. 2.
Hoary *Plantain* Ray 877. 5. Syn. 184. 2. Tab. 4. 3.
Roſe and ſpiked *Plantain* R. 876. Tab. 4. 4.
Beſom *Plantain* Ray 877. 4. Syn. 185. 3. Tab. 4. 5.
Common *Ribwort* Ray 877. 7. Syn. 185. 4. Tab. 4. 6.
Mountain *Ribwort* Ray Syn. 185. 7. Tab. 4. 7.
Childing *Ribwort* Ray 877. 1. Tab. 4. 8.
Sea *Plantain* Ray 880. 5. Syn. 185. 5. Tab. 4. 9.
Bucks-horn *Plantain* Ray 879. 3. Syn. 185. 6. Tab. 4. 10.
Great *Burnet* Ray 402. 2. Syn. 100. Tab. 4. 11.
Small *Burnet* Ray 401. 1. Syn. 100. Tab. 4. 12.
Common *Biſtort* Ray 186. 1. Syn. 59. Tab. 5. 1.
Small *Biſtort* Ray 187. 4. Syn. 60. 2. Tab. 5. 2.
Welch *Biſtort* Ray 187. 6. Syn. 60. 3. Tab. 5. 3.
Broad *Pondweed* Ray 188. 1. Syn. 60. 1. Tab. 5. 4.
Long *Pondweed* Ray 188. 2. Syn. 61. 2. Tab. 5. 5.
Round *Pondweed* Ray 188. 3. Syn. 61. 3. Tab. 5. 6.
Heart *Pondweed* Tab. 5. Fig. 7.
Plain *Pondweed* Ray 189. 4. Syn. 61. 4. Tab. 5. 8.
Curl'd *Pondweed* Ray 189. 5. Syn. 61. 5. Tab. 5. 9.
Broad Graſs *Pondweed* Tab. 5. Fig. 10.
Narrow Graſs *Pondweed* Tab. 5. Fig. 11.
Fine Graſs *Pondweed* Ray 189. 7. Syn. 61. 7. Tab. 5. 12.
Fennel *Pondweed* Tab. 5. Fig. 13.
Taſſel *Pondweed* Ray 190. 10. Syn. 62. 10. Tab. 6. 1.
Horned *Pondweed* Ray 190. 13. Syn. 281. Tab. 6. 2.
Water *Starwort* Ray 1323. Syn. 280. 1. Tab. 6. 3.
Long Water *Starwort* Ray Syn. 280. 2. Tab. 6. 4.
Feather *Pondweed* Ray 191. Syn. 279. Tab. 6. 5.
Fine Feather *Pondweed* Tab. 6. Fig. 6.
Millfoil *Pondwed* Ray. 191. 2. Syn. 280. 5. Tab. 6. 7.
Knotted *Pondweed* Ray 1322. 1. Syn. 279. Tab. 6. 8.
Golden *Saxifrage* Ray 207. 1. Syn. 66. Tab. 6. 9.
Long Golden *Saxifrage* Ray 207. 2. Syn. 66. Tab. 6. 10.
Cornwal *Pennywort* Ray. Syn. 211. 14. Tab. 6. 11.
Marſh *Pennywort* Ray 1323. Syn. 280. Tab. 6. 12.
Delt *Orrach* Ray 192. 3. Syn. 62. 1. Tab. 7. 1.
Delt Sea *Orrach* Ray 193. 10. Syn. 63. 4. Tab. 7. 2.
Froſty Sea *Orrach* Ray 193. 8. Syn. 63. 5. Tab. 7. 3.
Jagged long *Orrach* Ray 192. 6. S. 62. 3. Tab. 7. 4.
Spear *Orrach* Ray 192. 4. S. 62. 2. Tab. 7. 5.
Graſs Sea *Orrach* Tab. 7. 6.
Sea Purſlain Ray 195. 3. Syn. 63. 8. Tab. 7. 7.
Heart *Sea Purſlain* Ray Syn. 63. 7. Tab. 7. 8.
Small Garden *Blite* Ray 200. Tab. 7. 9.
All ſeed *Blite* Ray 196. 2. Syn. 65. 11. Tab. 7. 10.
Stinking *Orrach* Ray 198. 11. Syn. 64. 6. Tab. 7. 11.
Wild *Spinage* Ray 195. 1. Syn. 64. 8. Tab. 7. 12.
Rands Oak *Blite* Tab. 8. 1.
Froſt *Blite* Ray 198. 8. Tab. 8. 2.
Buddle's Fig *Blite* Tab. 8. 3.
Buddle's round *Blite* Tab. 8. 4.
Thick ſhiniug *Blite* Ray Syn. 64. 5. Tab. 8. 5.
Sharp poinred *Blite* Ray 197. 9. Syn. 64. 3. Tab. 8. 6.
Maple *Blite* Ray 8. 7,
Broad pointed *Blite* Tab. 8. 8.
Sea *Beet* Ray 204. 3. Syn. 65. Tab. 8. 9.
Wall *Pellitory* Ray 206. 1. Syn. 66. Tab. 8. 10.
Tree *Stonecrop* Ray 199. 17. Syn. 65. 10. Tab. 8. 11.
Shrub *Stonecrop* Ray 199. 16. Syn. 65. 9. Tab. 8. 12.
Small *Glaſſwort* Ray 198. 14. Syn. 64. 7. Tab. 9. Fig. 1.
Prickly *Glaſſwort* Ray 212. 2. Syn. 67. 3. Tab. 9. Fig. 2.
Small joynted *Glaſſwort* Ray Syn. 67. 1. Tab. 9. Fig. 3.
Woody jointed *Glaſſwort* Ray 211. 1. Syn. 67. 2. Tab. 9. 4.
Baſtard *Toad-flax* Ray 399. 7. Syn. 99. Tab. 9. Fig. 5.
Upright *Knawell* Tab. 9. 6.
Spreading *Knawell* Ray 213. 1. Syn. 68. 1. Tab. 9. 7.
Pepper Graſs Ray 1325. 10. Syn. 281. Tab. 9. 8.
Ladies Mantle Ray 208. 1. Syn. 66. Tab. 9. 9.
Small *Ladies Mantle* Ray 202. 2. Tab. 9. 10.
Silver *Ladies Mantle* Ray 209. 4. Syn. 66. Tab. 9. 11.
Parſly Piert Ray 209. 14. Syn. 67. Tab 9. 12.
Common *Knotgraſs* Ray 184. 1. Tab. 10. 1.
Thick ſet *Knotgraſs* Tab. 10. 2.
Short leaved *Knotgraſs* Tab. 10. 3.
Narrow *Knotgraſs* Tab. 10. 4.
Sea *Knotgraſs* Ray 185. 2. Syn. 59. 2. Tab. 10. 5.
Newton's *Knotgraſs* Tab. 10. 6.
Whorl'd *Knotgraſs* Ray 214. 3. Syn. 68. Tab. 10. 7.
Valentia *Knotgraſs* Ray 215. 8. Tab. 10. 8.
Smooth *Rupture-wort* Ray 214. 6. Syn. 69. Tab. 10. 9.
Hoary *Rupture-wort* Tab. 10. 10.
Sea-heath Ray 1716. 15. Syn. 314. 5. Tab. 10. 11.
Blink's Ray. 1035. 26. Syn. 211. 14. Tab. 10. 12.

N B. *The* Figues *of all theſe* Plants *done on* Copper Plates *are ready to be delivered upon paying* 10 *s. in* Hand, *and in* May *next, on depoſiting a* Guinea *they ſhall be made up* 600. *and* 10 *s. more, when they amount to* One Thouſand *Trees and Herbs, all which ſhall be of the* Growth *of* Great Britain *and* Ireland.

Such Generous Patrons *as will be pleaſed to give* one Guinea *in* Hand, *inſtead of* 10 *s. to forward this* Work, *ſhall have a* TABLE *Dedicated to them.*

LONDON, Printed for Mr. *Chriſtopher Bateman*, Bookſeller in *Pater-noſter-row*, where *Subſcriptions* are taken and the *Figures* delivered.

GAZOPHYLACII NATURÆ & ARTIS

DECAS SEPTIMA & OCTAVA.

In quâ Animalia, Quadrupeda, Aves, Piſces, Reptilia, Inſecta, Vegetabilia, Foſſilia & Lapides Figurâ inſignes, Corpora Marina, Stirpes Minerales è Terrâ eruta, *&c.*

Item Antiquaria, Numiſmata, Gemmæ exciſæ, Lucernæ, Urnæ, Inſtrumenta varia, Machinæ, Buſta, Effigies clarorum Virorum, omniaque *Arte* producta.

Deſcriptionibus brevibus & *Iconibus* illuſtrantur.

PATRONIS ſuis & MOECENATIBUS D.D.D.

JACOBUS PETIVER. *S. R. S.*

Tab. 61. A. Fig. 1. COmmon *white-veined* BUTTERFLY *with ſingle Spots*, Cat. Topic.& Claſſic. N°. 7.

I ſuppoſe this to be the *Male* to *Tab.* 62. *Fig.* 4. or at leaſt a Variety. Very *common* in *Fields* and *Meadows* moſt part of the *Summer.*

2. *Luzone Fern*, Cat. 310. The Peculiarity of theſe Leaves, are to have the upper half only pounc'd.

3. A *Luzone Fern* with many narrow Segments, wholly pounc'd underneath, Cat. 312. Kam. *Ray App.Vol.*3. *p.*2. *pl.*8.

4. *Luzone Harts-tongue* with *Leaves* a Cubit long, an Inch broad, and pounc'd from top to bottom, Cat. 307.

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6. Great flat *Mompelier Button Shell*, Cat. 146. The late Dr. *Liſter* brought me this from *France.* The curious Dr. *Sherard* has ſince ſent it from *Smyrna*; its *Navel* as large as a Curran, and peirces to the Head of the Shell.

7. Spout-mouth'd *Condore Button-ſhell*, Cat. 214. The *Navel* very large and ſeen to the bottom; its Peculiarity is a hollow Spout in the lower Part of the Shell's Mouth. Mr. *James Cunninghame Surgeon* ſent me this and the next from *Pulo Condore.*

8. Large *Emuy Button-ſhell*, Cat. 213. It's bigger and the Twirls more exerted than the laſt, the *Mouth* when full grown very *callous* of *Blobber-lipt*, Mr. *Samuel Dunckley* procured me this and ſeveral other curious Shells gathered by Mr. *Andrews* at *Emuy* an *Iſland* on the Coaſt of *China.*

A. 9. *Black-headed Froghopper*, Cat. 39. This and the Two next are frequent in *Gardens* towards *Autumn*, ſhelteriing themſelves under the Leaves.

A. 10. *Striped Froghopper* Cat. 40. The middle of the *back* and *tail* of this are brown, the reſt pale.

A. 11. *Pale-headed Froghopper*, Cat. 38. This and *Fig.* 9. may be *Male* and *Female*, they chiefly differing in the colour of their Heads.

12. *Mexican Piſtachia.* This is a wrinkled *Kernel* black without, but white and cloſe within, it taſts as pleaſant as a *Piſtachia* or *Almond.* I receiv'd ſeveral of theſe from Father *Kamel.*

Tab. 62. A. Fig. 1. FIne *ſtreakt Bugkin*, Cat. 24. I have obſerved this *elegant* Inſect in the *Woods* about *Hampſtead.*

A. 2. *Henbane* Scarlet *Bug*, *with black Spots*, Cat. 23. It's frequently found on this Plant in *May* and *June.*

A. 3. Great *Female Cabbage Butterfly*, Cat. 6. Muſ. noſt. 825. Very common in *Gardens* with the next, the *Male* of this, has no Spots above, only tipt with black.

A. 4. *Common white veined* Butterfly, *with double Spots*, C. 8. This and *Tab.* 61. *Fig.* 1. are both coucht under one Name in my *Muſeum* N°. 302. and are diſtinguiſht from the *common Cabbage ones* in having large blackiſh Veins underneath, which thoſe have not.

5. MADRAS *ſpotted Scallop*, Cat. 298. This *Bivalve* varies much in its Waves and Colour, *viz.* from pale yellow to ſad brown.

6. VIRGINIA *Rattle Snake*'s Tail, Cat. 538. Theſe *Rattles* are of a Parchment-like Subſtance, but ſtiffer and being looſely ſocketted, cauſes that Noiſe when in Motion, it's ſaid they are as many *Years* old as they have *Joynts* there.

7. *Eaſt India Serpent Stone.* The applying this Stone is much eſteemed in the *Indies* as a certain Remedy for the Bite of the *Cobra de Capello* or *Hooded Snake*, out of whoſe Head ſome affirm this to be taken; but it's more probable, as others have aſſured me, that it's *factitious* and ſaid to be compoſed of *burnt Elephant*'s *Bones*, mixt with other *Counterpoyſons.*

8. LUZONE *Santol Fern*, Cat. 308. Becauſe it grows on that Tree, the *Leaves* are above 2 Foot long, thick and pounc'd as the former. Kam. *Ray* 3. *App.* 2. *pl.* 24.

9. *Rhymay Fern*, Cat. 307. It grows on a ſort of *Jack* or *Sop Tree* call'd in *Luzone* Rhymay, the *Leaves* thin, yet a Yard long, and a $\frac{1}{4}$ broad. Kam. *Ray* 3. *App.* 3. *pl.* 30.

10. *Fig Fern*, Cat. 316. This is a large *Fern* with deep cut Leaves, and in many Places with wide Holes through them. It grows on a ſort of *Fig Trees*, which in *Luzone* are call'd *Balete.* Kam. *Ray* 3. *App.* 3. *pl.* 29.

11. The Pod of a *Malabar Tree* call'd *Minari*, Cat. 394. Deſcribed in Mr. *Ray*'s *Hiſt. Plantar. p.* 1733. *cap.* 20.

12. *Cuſcuta marina*, *Gulaman Luzon.* A Sea Weed very like the *Italian Vermichelli*, and perhaps as wholſome.

Tab. 63. Fig. 1. THE *Kernel* of a ſort of *Palm* which Mr. *James Cunninghame* brought me from *India*, Cat. 396.

2. The *Cajou* or *Caſſu Nut*, Cat. 387. *Ray* 1649. *cap.* 15. The Tree bears a Pear-like *Fruit*, which has no *Seed* within but this at top, in this is a *Kernel* that eats as ſweet as an *Almond.*

3. A *Kernel* of the *Faufel* or *drunken Nutmeg*, Cat. 395. *Ray* 1363. *cap.* 18. The *Seamen* grate this into Punch inſtead of *Nutmeg* which it reſembles, to intoxicate or fuddle Strangers; it's called alſo *Beetle-nut.*

A. 4. *Phalena parva*, *lutea*, *perelegans*, *ſignaturis fuſcis.* The pale Part of this is yellow, the reſt brown. *Mad. E. Glanvill* gave me this rare Moth it being the only one I have as yet ſeen.

A. 5. Small *Waſp-Beetle*, Cat. 44. Not ſo big as the next, nor the Sheaths ſo black.

A. 6. Common *Waſp-Beetle*, Cat. 43. I have met with this on *Nettles* but not often; its Back finely ſtreakt with yellow.

A. 7. Great *Waſp-Beetle*, Cat. 42. The curious Mr. *Joſeph Dandridge* found this rare Inſect in his own Yard.

8. *Chaſt-tree Miſcletoe*, Cat. 399. This is ſaid to be ſo great a *Counter-poyſon*, that whoſoever eats of it, may handle *Vipers* without danger; Its *Leaves* grow oppoſite, are thick, round and ſmooth; when very young, hoary, the *Flowers* red, and always 3 together, its *Berries* ſmall and longiſh, *Kam. Ray App.* 3. *p.* 3. *pl.* 36.

9. Luzone *Trefoil Fern*, Cat. 309. *Polypodium triphyllum Kameli Ray Vol.* 3. *App. p.* 2. *pl.* 28. The middle Leaf a Span and an half long, the Two Holes or Ears are thick pounc'd on the under ſide.

10. *Fragrant* Luzone *Fern*, Cat. 317. This has plain *Willow Leaves*, with ſeed edged Liſts. It's uſed in *Luzone* inſtead of *Melilot.* Kam. *Ray* App. p. 2. 10.

11. A ſmall rugged *Shell* with a ſharp Ridge, and a deep furrowed Twirl, Cat. 562. Its *Navel* ſmall with a Tooth or Knag in the Mouth. *Found* on the Shores of *Jamaica* and *Barbadoes.*

12. A ſmall *American Unicorn* Shell with Saffron Girdles, Cat. 587. Its Mouth notcht and Noſe twiſted, the dead Shells are all white.

Tab. 64. Fig. 1. LOng Scarlet *Abrus*, Cat. 362. Its Eye at the broadeſt End.

. Flat round *Abrus* or Luzone *Babay*, Cat. 363. I take this to be the *Manſjadi* Hort. *Malab. Vol.* 6. *Tab.* 14. *Ray* 1752. *cap.* 16. The *Seeds* are wholly *Scarlet*, and all of ſo exact a Size, that they weigh *Gold* with them.

3. An

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12. *Mexican Piſtachia*. This is a wrinkled *Kernel* black without, but white and cloſe within, it taſts as pleaſant as a *Piſtachia* or *Almond*. I receiv'd ſeveral of theſe from Father *Kamel*.

Tab. 62. Fig. 1. A. Fig. 1. FIne ſtreakt *Bugkin*, Cat. 24. I have obſerved this *elegant* Inſect in the *Woods* about *Hampſtead*.

A. 2. *Henbane* Scarlet *Bug, with black Spots*, Cat. 23. It's frequently found on this Plant in *May* and *June*.

A. 3. Great *Female Cabbage Butterfly*, Cat. 6. Muſ. noſt. 825. Very common in *Gardens* with the next, the *Male* of this, has no Spots above, only tipt with black.

A. 4. *Common white veined* Butterfly, *with double Spots*, C. 8. This and *Tab.* 61. *Fig.* 1. are both coucht under one Name in my *Muſeum* N°. 302. and are diſtinguiſht from the *common Cabbage ones* in having large blackiſh Veins underneath, which thoſe have not.

5. MADRAS *ſpotted Scallop*, Cat. 298. This *Bivalve* varies much in its Waves and Colour, *viz.* from pale yellow to ſad brown.

6. VIRGINIA *Rattle Snake's* Tail, Cat. 538. Theſe *Rattles* are of a Parchment-like Subſtance, but ſtiffer and being looſely ſocketted, cauſes that Noiſe when in Motion, 'tis ſaid they are as many *Years* old as they have *Joynts* there.

7. *Eaſt India Serpent Stone*. The applying this Stone is much eſteemed in the *Indies* as a certain Remedy for the bite of the *Cobra de Capello* or *Hooded Snake*, out of whoſe Head ſome affirm this to be taken; but it's more probable, as others have affirmed me, that it's *factitious* and ſaid to be compoſed of *burnt Elephant's Bones*, mixt with other *Counterpoyſons*.

8. LUZONE *Santol Fern*, Cat. 308. Becauſe it grows on that Tree, the *Leaves* are above 2 Foot long, thick and pounc'd as the former. Kam. *Ray* 3. *App.* 2. *pl.* 24.

9. *Rhymay Fern*, Cat. 307. It grows on a ſort of *Jack* or *Sop Tree* call'd in *Luzone* Rhymay, the *Leaves* thin, yet a Yard long, and a $\frac{1}{4}$ broad. Kam. *Ray* 3. *App.* 3. *pl.* 30.

10. *Fig Fern*, Cat. 316. This is a large *Fern* with deep cut Leaves, and in many Places with wide Holes through them. It grows on a ſort of *Fig Trees*, which in *Luzone* are call'd *Balete*. Kam. *Ray* 3. *App.* 3. *pl.* 29.

11. The Pod of a *Malabar Tree* call'd *Minari*, Cat. 394. Deſcribed in Mr. *Ray's Hiſt. Plantar. p.* 1733. *cap.* 26.

12. *Cuſcuta marina, Gulaman Luzon*. A Sea Weed very like the *Italian Vermichelli*, and perhaps as wholſome.

Tab. 63. Fig. 1. THE *Kernel* of a ſort of *Palm* which Mr. *James Cunninghame* brought me from *India*, Cat. 396.

2. The *Cajou* or *Caſſu Nut*, Cat. 387. *Ray* 1649. *cap.* 15. The Tree bears a Pear-like *Fruit*, which has no *Seed* within but this at top, in this is a *Kernel* that eats as ſweet as an *Almond*.

3. A *Kernel* of the *Faufel* or *drunken Nutmeg*, Cat. 395. *Ray.* 1363. *cap.* 18. The *Seamen* grate this into Punch inſtead of *Nutmeg* which it reſembles, to intoxicate or fuddle Strangers; it's called alſo *Beetle-nut*.

A. 4. *Phalena parva, lutea, perelegans, ſignaturis fuſcis*. The pale Part of this is yellow, the reſt brown. *Mad. E. Glanvill* gave me this rare Moth it being the only one I have as yet ſeen.

A. 5. Small *Waſp-Beetle*, Cat. 44. Not ſo big as the next, nor the Sheaths ſo black.

A. 6. Common *Waſp-Beetle*, Cat. 43. I have met with this on *Nettles* but not often; its Back finely ſtreakt with yellow.

A. 7. Great *Waſp-Beetle*, Cat. 42. The curious Mr. *Joſeph Dandridge* found this rare Inſect in his own Yard.

8. *Chaſt-tree Miſcletoe*, Cat. 399. This is ſaid to be ſo great a *Counter-poyſon*, that whoſoever eats of it, may handle *Vipers* without danger; Its *Leaves* grow oppoſite, are thick, round and ſmooth; when very young, hoary, the *Flowers* red, and always 3 together, its *Berries* ſmall and longiſh, *Kam. Ray App.* 3. *p.* 3. *pl.* 36.

9. Luzone *Trefoil Fern*, Cat. 309. *Polypodium triphyllum Kameli Ray Vol.* 3. *App. p.* 2. *pl.* 28. The middle Leaf a Span and an half long, the Two Holes or Ears are thick pounc'd on the under ſide.

10. *Fragrant* Luzone *Fern*, Cat. 317. This has plain *Willow Leaves*, with ſeed edged Liſts. It's uſed in *Luzone* inſtead of *Melilot*. Kam. *Ray* App. p. 2. 10.

11. A ſmall rugged *Shell* with a ſharp Ridge, and a deep furrowed Twirl, Cat. 562. Its *Navel* ſmall with a Tooth or Knag in the Mouth. *Found* on the Shores of *Jamaica* and *Barbadoes*.

12. A ſmall *American Unicorn* Shell with Saffron Girdles, Cat. 587. Its Mouth notcht and Noſe twiſted, the dead Shells are all white.

Tab. 64. Fig. 1. LOng Scarlet *Abrus*, Cat. 362. Its Eye at the broadeſt End.

. Flat round *Abrus* or Luzone *Babay*, Cat. 363. I take this to be the *Manſſjadi* Hort. *Malab. Vol.* 6. *Tab.* 14. *Ray* 1752. *cap.* 16. The *Seeds* are wholly *Scarlet*, and all of ſo exact a Size, that they weigh *Gold* with them.

A

3. An oval rugged Scaly-like *Fruit*, brought from about *Carthagena* in *America*.

4. *Mediterranean Maw-ball*, Cat. 157. It very much reſembles the hairy Balls found in the Stomach of black Cattle. *Common* on the *Shores* at *Leghorn*, &c.

A.5. *Darby's Braſs Moth*, Cat 18. Theſe Wings are moſtly of a greeniſh Braſs Luſtre, with brown fields and pale Edges.

A.6. The *Lamma Moth*, Cat.19. This is diſtinguiſht from all others in having a white Mark in each Wing, very like the Greek λ. It's frequent in *Gardens* in *Auguſt* and *September*.

7. A ſhort warty *Whelk-ſhell* from *Puio Condore*, an *Iſland* in the *Eaſt-Indies*, Cat. 236.

8. *Another* from the ſame Place, ſomewhat longer and rib'd, Cat. 237. Both brought me from thence by Mr. *Cunningham*.

9. The *Dapo Miſſeltoe*, Cat. 400. From the Boſom of the *Leaves* which are thick and yellowiſh grow many roundiſh ſpeckled *golden* Berries. *Kam.* Ray *App. p.* 3. *pl.*34.

10. Finger-leav'd *climing Luzone Fern*, Cat. 314. The bottom *Leaves* are largeſt and moſt divided, the Top ſmaller and leſs, which Father *Kamel* ſays, bears brownish *Seed*, Ray Vol. 3. *App. p.*2. *pl.* 17.

11. Cone-edged *Scandent Luzone Fern*, Cat. 315. The *Specimen* from which this *Figure* was taken, Father *Kamel* ſent me.

12. A *ſmall Scarlet* Beetle, *with a black Tail*, Cat. 203. This elegant Inſect Mr. *Edward Bulkley* ſent me from Fort St. *George*.

Tab. 65. Fig. 1. *Uſty Alp-Roſe*, Cat. 173. On this Shrub grow *Galls* of divers Sizes and Colours, as white, yellow, bloody and pale red.

2. *Woolly Mountain Colts Thiſtle*, Cat. 162. Riſes about a Span high, with 2 or 3 *Heads* at top, on very woolly Stalks, the *Leaves* ſeriated, broad and pointed. Grows on the higheſt *Alps* near *Soglio* in *Switzerland*.

3. *A fine mark'd* Capricorn *Beetle*, Cat.142. It's of a blewiſh Colour ſpotted with black; Found in *Switzerland* by the curious Dr. *John James Scheutzer*.

4. *Black-mouth'd* Liſbon *Snail*, Cat. 143. Like *Tab.* 52. *Fig.* 11. but that the Mouth of this is black, which perhaps may proceed from its Age. Mr. *Jezreel Jones* found this about *Liſbon*.

5, & 6. I take theſe to be the *Cover* or *Stop-hole* of the *Cochlea cælata* Rondeletii *Aquat. p.* 96. or *Cagarolo de Mar*. *Bellonius* calls theſe *Umbilici, ſeu Fabæ Marinæ* from their Shape. *Father Bonanni* ſent me this from *Rome*. They are very common on the *Mediterranean* Shores.

7. Curl'd *Coralline Alp Moſs*, Cat. 158. Grows about 2 Inches high, of a grey Colour, with ſmall fleſhy Cluſter Heads and Stalks.

8. *Curl-haired Alp Moſs*, Cat. 159. Dr. *Scheutzer* found this pretty Moſs on Mount *Galand* in *Switzerland*.

A.9. *Small* Engliſh *Tooth-ſhell*, Cat.82. It's ſmooth, white, and ſomewhat crooked with purpliſh Tips, eſpecially whilſt the Animal is in them. I take it to be a ſort of *Worm-ſhell*, found on our own Shores.

10, & 11. A ſmall *Pyramidal* or *Toplike Shell*, found about *Montpelier*, Cat. 147.

12. Platers *White Mountain Crow-foot*, with Purple Edges, Cat. 167.

13. *A Variety of the laſt, all white*, Cat. 166. Both theſe are found on the ſnowy Tops of *Mount Septimus* in *Swinzerl.*

14. A *poliſht* Switz *Marble*, finely mark'd and ſpotted, Cat. 177.

15. Alpine *Heath-Houſe-leeke, with blew Flowers*. Cat. 168. This makes a pretty Show on the Top of the higheſt *Alps*, appearing in *Flower* at the firſt melting of the *Snow*.

Tab. 66. Fig. 1. *Lunt-tipt* Barbary *Unicorn*, Cat. 419. Mr. *Edward Hancock* found ſeveral of theſe about *Sancta Cruce*, but all as it were broken tipt.

2, & 3. *Small* Legorn *Gowrykin*, Cat. 152. Like our *Engliſh Nuns* but more pointed and both back, and Lips wholly ſmooth: This new Shell my curious Friend Mr. *Robert Ball Merchant*, gave me, who had them ſent him, gathered on the *Shores* about *Leghorn*.

4. *Chaff-forked* Switz *Graſs*, Cat. 160. This has but few Heads with bind Tips.

5. Small, bluſh, *Pearl-graſs*, Cat. 161. It's like one that grows pretty common about *Hampſtead-heath*.

6. Alpine *white Pride*. This elegant Plant has very ſmall grey Roſey Leaves like our *white-edged London Pride*, but 10 times leſs, its *Flowers* white and large for the Size of the Herb. Grows almoſt on all the *Helvetick Mountains*.

7. *Prickley leaved* Alpine *Houſe-leek*, Cat. 169. Its narrow *Leaves* are edged with hairy Prickles, its *Flowers* 5 leaved, whitiſh with yellow Bottoms. *Grows* in ſtoney Mount.

8. *Mountain Milfoil* or *Muſk-Iva*, Cat. 164. *Herba de Munt* Solienſibus, *Iva aliis*. The Inhabitants in *Switzerland* where this Herb grows, frequently uſe it in Uterine Caſes with good Succeſs, it being of a hot aromatick Taſte and Smell.

9. *Moſs-leaved* Alpine *yellow Houſe-leek*, Cat. 170. It has a large yellow *Flower*. Grows on *Mount Septimus* and divers of the *Rhetian* Alps.

A. 10. *White feathered Moth*, Cat.9. This is an elegant Inſect, its Wings being divided into ſeveral white downy *Feathers*, like thoſe under the Wings of ſmall Birds. I have often met with it in *Hedges* about *Midſummer*.

A. 11. *Gray feathered Moth*, Cat. 10. Not ſo frequent as the laſt.

A. 12. *Small marbled Feather Moth*, Cat. 11. This is often found as it were hanging on the Stalks of *Graſs* in *Woods*.

13. *A ſmall jointed, Scarlet Water-worm*, Cat. 49, & 142. Found in a cold Sulphur Water in *Switzerland*. I take it to be the ſame, which I have met with, in divers muddy Ditches about *London*.

14. A *pretty ſpeckled* Kidney-Bean from *Poland*, Cat. 176.

Tab. 67. Fig. 1. AN *American Perch* with black Waves, Cat. 545. This by ſome is call'd an *Oldwife*, it's 2 Foot long with large Scales, and 5 or 6 blackiſh Liſts from Back to Belly on each ſide.

2. American *Cod-Barbell*, Cat. 544. I am told they call this in *Carolina* a *Cat-fiſh*. This and the laſt were figured from Paintings ſuppoſed to be done in the Voyage made by Sir *Walter Rawleigh* to *America*.

3, 4, & 5. Are as many Varieties of ſmall *Braſil Nerit Shells*, which *Father Bonan* ſent me from *Rome*.

A. 6. *Brown Feather Moth*, Cat. 12. I figured this and Number 8. from Two in Mr. *Dandridges* Collections.

A. 7. *Fine, many feathered Moth*, Cat. 13. This is a very elegant ſmall motled *Moth*, each Wing divided into about 10 *Feathers*. I firſt obſerved it *May* 1. 1696. in Mr. *Darby's Garden* at *Hoxton*, and ſince that almoſt annually in our *Phyſick Garden* at *Chelſey*, about the ſame Seaſon.

A.8. *Small, brown, Feather Moth*, Cat. 14. Somewhat leſs than *Fig.* 6. each of the Wings compoſed of 5 Feathers.

A.9. The *Human Crab* or *Groin-louſe*, Cat.48. Too common amongſt the poorer ſort of People.

10. Thick ſet *Organ Corall*, Cat. 301. *Muſ. noſtri* 797. Where you may ſee the *Synonyms* of divers *Authors*.

11. Thin ſet *Organ Corall*, Cat. 302. Both theſe from the *Eaſt Indies*, but this laſt more rare.

A.12. *Black, flat* Muſhroom, *with white Tips*, Cat. 120. I have met with this but not ſo common as the round ſort, found in *Gardens*.

Tab. 68. Fig. 1. A Large, flat bodied *China Trumpet Fiſh*, Cat. 185.

2, & 3. Are a couple of large *Slates* with the flat Impreſſions of *Fiſh* on them ſent me from Dr. *Chriſtian Maximilian Spener* the *King* of *Pruſſia*'s Phyſician at *Berlin*.

4, 5, 6, 7, & 8. Are five other Varieties of the ſmall *Braſil Nerit Shells* figured in the laſt Table; ſeveral of theſe are very beautiful, and would make fine Ornaments in *Rings*, or ſerviceable as *Buttons* ſet in *Gold*, *Silver*, &c.

A.9. Wiltſhire *Stan-flint*, Cat. 139. This *Foſſil* is repreſented, as cut, poliſht, and deſigned for a *Snuff-box*, its white Stars are opake, and the Interſtices tranſparent as a *Moca-ſtone*, which it equals, if not exceeds, both in its Singularity and Beauty. Our curious Brother and Botaniſt Mr. *John Nicholls* gave me this to figure, with a Peice of the *Flint* rough.

10. *A white* American Corall, *with ſmall Stars*, Cat. 598. Frequent on the Shores of *Jamaica*, *Barbadoes*, &c.

11. *Common* American *Brain Corall*, Cat. 599. So call'd for its likeneſs to *humane Brains*. Found very plentifully on the *American Shores*, eſpecially about the *Iſlands*.

12. *The* Mediterranean *common thorney Murex*, Cat. 150. Frequent in the *Levant* on the *European Shores*; It's diſtinguiſh'd from others by its thick, ſhort and furrowed Spikes.

Tab. 69. Fig. 1. *Prickley yellow* American *Bladder Fiſh*, Cat. 548. The Ground is yellow, all the Streaks very black, the *Prickles* blewiſh, *Sides* tawney, *Fins* of a reddiſh brown. *Copied* from Sir *Walter Rawleigh*'s Paintings with this Inſcription, *A ſwelling Fiſh* 8 *Inches in length*.

2. Sir *Walter Rawleigh*'s *Ribbond Snake*, Cat. 537. Feligne *Indigenis*. Some of theſe are an Ell long; *The Savages* eat them either roaſt or boil'd *Muſs*. The *Back* yellow, the *ſides* ſcarlet, ſpotted with black and white.

3, & 4. A ſmall white *Cylinder Shell* with a wide Mouth from Fort St. *George*, Cat. 242.

5. *Carolina* Lattice furrowed, *Welſh-pot Shell*, Cat. 566. Like our *Garden Snail*, but Lattice-furrowed and waved with yellow, like our *Welſh Pot-ware*, its *Navel* both auriculated and hollow.

6. *Willow-leaved* Luzone *Button Flower*, Cat. 342. *Kamel* Ray V. 3. *App. p.* 4. 15. Grows about a Yard and an half high; from the Bosom of notcht, long pointed, hairy Leaves, come whitish *Flowers* out of round green Heads.

7. *Nettle-leaved* Luzone *Button Flower*, Cat. 343. Ray *Kamel* 4. 13. Like the last but more hoary and climbing, its *Flowers* set in a 4 leaved *Calyx* or *Cup*.

A.8. The greater *Chimney-sweeper*, Cat. 15. This is a very black *Moth* with white tipt Wings; I first observed it about *Hampstead A. D.* 1695. in *Meadows*, and since that in divers the like Places pretty common.

A.9. Small *Chimney-sweeper*, Cat. 16. Much less than the last, found in *Cain Wood*, about the beginning of *May*, flying about *Trees*.

A.10. *Small* English *Cochineel*, Cat. 25. The Ground of this little *Beetle* is black with 4 red Spots. I have observed it in *Sept.* on *Rose Bushes*, with the *small Cowlady*.

A.11. *Common green* Cantharis, *with golden Specks*, Cat. 22. Frequently met with in gravelly Paths about *Hampstead* and other *Heaths* from *May* till *Midsummer*, they soon take Wing and are not easily caught.

12. An elegant *hairy Catterpillar*, sent me some Years since from *Guinea* by Mr. *Edward Bartar*, Cat. 428.

13. *Rawleigh's* American *Tawney Scink*, Cat. 536. Mention'd *Indigenis*. A Foot in length *Mss.* Its *Head* flesh coloured, the rest tawney.

Tab. 70. THE *Toddy Fly*, Cat. 559. *Mus. Reg. Societ.* 162. Fig. 1. So call'd from the Mischief they do to that Tree, 30 or 40 of them together, sawing tho' the *Bark* by the Help of their *Snout horn*, will make themselves drink with the Liquors that flows down, and so are taken. *Mr. William Steward Surgeon* caught this in *Martinico* they are also frequent in *Guinea*.

A.12. Small furrowed *Water Beetle*, Cat. 33. This and the next are seen in *Ponds*, from *April* till *Midsummer*. The *Sheat-wings* of this are *furrowed*.

A.13. Small smooth *Water-Beetle*, Cat. 32. I take this and the last to be *Male* and *Female*.

A.14. Small, black, shining *Water-Beetle*, Cat. 31. It differs from the last chiefly in colour.

15. *Twin-forked* Indian *Stag-Beetle*, Cat. 205. This Beetle Dr. *Sloan* had presented him from the *East Indies* by Mr. *Goff*.

16. *Goff's* Indian *green Long-Beetle*, Cat. 204. From the same Place and Person. This is somewhat smoother than *Gazoph. nost. Tab.* 20. *Fig.* 8. having its Edges a little welted, and its Shoulders resembling the *Snap-Beetle* Kind.

A.17. Small *Buff-Leopard*, Cat. 17. This pretty *Moth* is of a Buff Ground spotted with black: I have often met with it in *Cain Wood* about *May*.

A.18. *Water Cricket*, Cat. 46. This is a slow creeping Insect found at the bottom of *Ponds* amongst the Weeds: I take it to be a sort of *Hexapode* or *Grub* which produces the Water *Libella* or *Adder-bolts*.

19. *The large* Barbadoe *Magpye Top-shell* Cat. 584. Its pretty equally mixt with black and white. Frequent on the Shores of that Island, *Jamaica*, and others thereabouts.

20. Luzone *Musick-shell*, Cat. 247. This is much larger and waved, without either Girdles or Points, by which it differs from the *American* kind.

21. *Jamaica Wart-shell*, Cat. 564. Dr. *Sloan* brought this alive from *Jamaica*, and gave it to Dr. *Lister*, who kept it alive a whole Summer in his *Garden* at *Westminster*.

22. *Cochine* branched *Comb Fern* Cat. 305 This is one of the most elegant amongst the numerous Tribe of *Capillaries*. We are obliged to the Inquisitive Mr. *James Cuningham* who first discovered this and sent it to me from *Cochinchina*. *A. & B.* represents its first Shootings towards *Flowring*.

Tab. 71. BLack *Madras Beetle-Bug*, with white Spots. Fig. 1. *Cimici affinis* niger, maculis ochroleucis eleganter notatus è *Madrasspatan* Phil. *Transact. n°.* 271. *p.* 861. *n.* 22 Its Sheaths are black and velvety, with 3 yellowish white Spots on the outer, and one on the inner Edges of each Wing.

2. *White* Indian *Comb-chaffer*, Cat. 207. The Singularity of this Insect is, its being white as if covered with *Chalk*.

3. *Small* Carolina *Steel-Beetle* with a yellow girdled Back and Neck, Cat. 561. *Phil. Transact. n°.* 271. *p.* 814. *n.* 49.

4. Small yellow *Carolina Turtle-Beetle* with transparent Edges, Cat. 561. *Phil. Trans. n°.* 271. *p.* 814. 50. These 2 last Mr. *Edmund Bohun* was pleased to send me with divers other *curious Insects* from *Carolina*.

5. A hard oval Fruit with *Seed holes* round its Surface, Cat. 665. *Found* on the *Shores* of *Jamaica*, &c.

6. A blew flowred tripetalous Plant, with Lilly Leaves and Kernelly *Roots* call'd in *Luzone* Bitoon *Kam.* Ray H. Pl. Vol. 3. *app. p.* 3. *pl.* 7. Cat. 386.

7. A thick woolly leaved *Luzone* Plant, whose Branches spread on the Ground, with a small yellowish *Flower*, and 4 pale haid rugged *Seed* set close together. *Kamel* Ray Vol. 3. *app. p.* 4. *pl.* 14.

8 & 9. *Small striated* Virginia Button-shell, *with a three-toothed Mouth*, Cat. 563. *Phil. Trans. n.* 246. *p.* 395. 6.

10 A flat buttoned *Jamaica-shell*, with double Teeth, Cat. 563, This has a hollow Navel, which distinguishes it from another that has none, from the same Island.

11. *Radiated* Providence *Muscle*. Cat. 588. Mr. *John Graves* Her Majesty's Collector of those Parts, brought me this Shell from that Island.

12. A hard reddish veiny *Wood* from the *Philippine Isles*, sawed broad ways, it's finely speckled and would prove very ornamental inlaid on *Scrutores*, *Cabinets*, &c. *an* Luyong and Balil *Luzonensibus* Kamel. *Ray* H. Pl. Vol. 3. *app. p.* 45. 5.

13. *Mexican* sweet Wood. Cat. 607. *Agallochum s.* Lignum Aloes *Mexicanum* Kamel *Ray* Vol. 3. *app. p.* 87. 1. This is a pale coloured *Wood* with brownish Clouds, it has a very fragrant Smell especially if chewed. F. *Kamel* sent me this and said it came from *Mexico*.

Tab. 72. Fig. 1. HOary *spiked* Luzone *Adhatoda*, Cat. 358. Its *Flowers* small, purplish, and of the Shape of *Betony* growing out of a hoary Spike. *Kam.* Ray 3. *ap.* 4. *pl.* 1.

2. A flat spiked *Luzone* Adhatoda, Cat. 355. Differs from the last in having its Leavey Tufts smooth and flat, *Kamel* Ray 3. *p.* 4. 2.

3. *Rhamnus* Capensis *fol. comâ confertis, fl. purpureo.* These *Leaves* grow in *Tassels*, short and thick, its *Flowers* purple, each Branch ends in a Thorn.

4. Eadem *Fl. obsoleto.* This differs from the last in having a dull coloured *Flower*. Both these Mr. *Holt* the Bishop of *London's Gardener* gave me the Paintings of, which he made from Plants growing in my *Lord's Garden*.

A.5. *Pale Boat Fly*, Cat. 35. The *Sheaths* are yellowish, this and the 2 next, are found in many Ponds about *London*.

A.6. Common pied *Boat Fly*, Cat. 36. Tho' these are very common, they are the most beautiful of all I have seen.

A.7. Common *Boat-Bug*, Cat. 37. So call'd from their Flatness, the 2 former being ridg back'd.

A.8. Great smooth *Water-Beetle*, Cat. 29. This is *Male* to the next. Common in the Spring, in divers muddy *Ponds* about *London*.

A.8.1. Great, streakt *Water Beetle*, *Cat.* 30. This is the *Female*.

A. 9. Small, smooth *Water Beetle*, Cat. 34. Its Back blackish and shining. I first observed it in a *Pond* at *Kentish Town*.

A.10. *Right-nosed* Limington *Fossile Oyster*, Cat. 79. It's flatter than the next, and found more sparingly.

A. 11. *Left-nosed* Limington *Fossile Oyster*, Cat. 80. I take this to be the lower valve, being more hollow and thicker, the Impression of its growing to the Rocks, being frequently seen. I could never meet with either this or the last in pairs.

A.12. Limington *Curl'd Cockle*, Cat. 73. These are found of all Sizes from that of a Nutmeg (which are the most common) to the Smallness of a *Cherry-stone*, and often in pairs. These 3 and divers other very *curious Fossils* I found in a high clay Bank on the Sea side between *Limington* and *Christ-Church* in *Hawt-shire*.

A.13. *Pin-headed pendant Mushroom*, Cat. 116. This grew to the under side of a *Rose Leaf*, and was presented me by the curious Mr. *Joseph Dandridge*.

Tab. 73. A. Fig. 1. VItulus Gammeiæ *albus, parvus, temniter canaliculatus*. Frequent on the *Garnsey* Shores.

A. 2. Limington *Spindle Fossil*, Cat. 109. A very rare Shell, and the only one I could find after a diligent Search for several Hours.

3 *Small* Smyrna *Ribwort*, with hairy Grass Leaves, Cat. 325. The Plant no bigger than the Figure.

4. Small, round wing'd, *Smyrna* Rusty Fern, Cat. 320. The *Leaves* very small, hoary, and underneath wholly rusty.

5. Smyrna *Club-rush, with crooked Heads*, Cat. 325. These come 2 or 3 out of a Sheath. This, the next, and the 2 last, all very elegant Plants, Dr. *Sherard*, that curious Botanist, sent from *Smyrna* to me and other Friends.

6. *Dwarf* Smyrna *Adders-tongue*, with short *Grass Leaves*, Cat. 321. Dr. *Sherard* says, you shall hardly find one Plant in 1000 larger than the Figure of this.

A.7 & 8. *Small* Limington *Fossil Whelk, with a furrowed side*, Cat 88. I have received the live Shell from the *East Indies*.

A.9. Small, latticed, *Limington Whelk*, Cat. 9. I have a Shell very like this from the *East Indies*.

10. Marbled *Smyrna Purr*, Cat. 300. A beautiful *Bivalve* finely latticed and marbled, brought me thence by Mr. *Stewart* Surgeon.

11. Feather tail'd *Smyrna Adderbolt*, Cat. 199. The Singularity of this beautiful Fly, is in having its under Wings so very narrow and long.

12. Yellow

12. Yellow *Smyrna Butter-foit*, Cat. 200. This elegant Insect has the Horns of a *Butterfly*, but Wings like an *Adderbolt* part transparent, the rest yellow and dark brown.

13. Jamaica *Ox-eye Bean*, Cat. 604. This is the Seed of the *Mucuna* or great *Cow-itch*, and are often used for *Buttons*.

Tab. 74. Fig. 1. Marbled Jamaica Murex, *with knotty Twirls*, Cat. 579. I have seen few less than this but many much larger.

2. A Fruit from *Guinea* call'd *Cole*, Cat. 533. Two or three of these eaten in a day, prevents Hunger, *Chus. Exot. l. 3. p. 64. Fig. 5.* Ray 1774. *c. 3. pl. 1.*

3. *Millepede* Indian *Worm*, Cat. 191. Differs from the great *Scolopendria* in being round Mr. *Cuningham* brought me this from the *East-Indies*, I have them also from *America* but somewhat less.

A. 4. A common *Water Scorpion*, Cat. 47. *Monthly Miscell. Vol. 3. p. 241. 6.* Found under Water by Pond sides.

A. 5. A common *Earwig*, Cat. 26. *M.M. 3. p. 236. 52.* A Pest in *Gardens* to *July-Flowers* and others.

A. 6. *A Pipe of small Eggs encompassing a* Pear-tree *Stalk*, C. 50.

7. A Tobacco Pipe *used by the Kings of Carolina*, Cat. 608.

8. Bucathucas *or* Luzone *Hop-headed Adhatoda*, Cat. 357. Out of these scaly-leaved Heads, come small blew *Flowers* with a pointed Husk in which are little hard Kidney *Seeds*.

9. *An elegant rugged Shell, with flat Lips and a very small Mouth; from* Pulo Condore, Cat. 238.

A. 10. *A blackish Stone with Alablaster Spots*, Cat. 130. I found several of these on a small *Island* at *Peel* in *Dorsetshire*.

A. 11. *Great, black Female Water Beetle*, Cat. 28. *M.M. 3. p. 229. 1.* These are not common about *London*.

A. 12. Great, black, *Male Water Beetle*, Cat. 27. *M.M. 3. p. 229. 2.* Differs from the last in having a Lancet like Protuberance near the End of its Fore-feet. Dr. *Middleton Master*, a very curious *Physician*, observed these about *Ilsbitch*.

Tab. 75. Fig. 1. A *White* Indian Rhomb-shell, *finely speckled with black*, Cat. 256. The Reverend Mr. *George Lewis* sent me this from *Fort St. George*.

A. 2. *Crack'd* Barnstable *Limpet*, Cat. 112. Found about that Town, it's a pretty small white latticed *Shell*, with a Flaw on the Edge.

A. 3. Hartle-pool *Horn Limpet*, Cat. 111. Common thereabouts, it's thick, flattish, of an amber Colour, and somewhat transparent.

A. 4. *Small latticed Whelk*, Cat. 86. Found frequently amongst *Cockles* in Garden Walks.

5. Small *Unicorn-shell*, with rugged Twirls and Waves between, Cat. 260.

6. *Another*, with Twirls half smooth, the rest streakt, C. 261.

7. A black *Luzone Ant* call'd *Hantic*, with open Pincers, Cat. 212.

8. A Leaf of the *Cacao* or *Chocolate Tree*. *A.B.C.* its *Bud* and *Flower*, *D.* the Fruit, and *E.* the *Kernels*, of which the *Chocolate* is made, *Ray H. Pl. 1670. c. 8. & app. 62. 7.*

9. The *Cod-weed*, that part of it as its used in Physick and dying. *F.* its *Chrysalis* or *Coffin*, *G.* The *Beetle* in its perfect State. Cat. 558.

10. Jamaica *Button-shell*, Cat. 567.

11. Carolina *Freckled Crab*, Cat. 540. Brought me from thence by Mr. *John Graves*, it's finely netted and speckled with white and red.

A. 12. Cornwall *Purr*, Cat. 64. First sent me thence by Mr. *Charles Dell*.

Tab. 76. Fig. 1. A Fine Hair-girdled white *Orchney* Moon Cockle, Cat. 66. Mr. *William Clerk* Surgeon brought this with other Shells, *&c.* from those Iles.

2. *Carolina* Razor-bill, *Cat.* 541. I should be glad to see the whole *Bird*.

3. A *Luzone Capricorn* with furrowed Sheath-wings, C. 201.

4. *The Case of a pretty small Turtle from* Smyrna, *Cat.* 190.

5. A rare *Luzone-shell* with its Mouth to the right, *Cat.* 224. Its Waves brown, the rest yellow and white.

6. A large flattish *Button-shell*, with a deep Navel and callous Mouth, given me by Mr. *Ayrey*.

7. A striated, yellowish, Star-knotted *Coral*, *Cat.* 303.

8. A white star-beamed knotty *Coral*, *Cat.* 304.

9. Cirus *Capensis* fusca, capite aureo galeato.

10. A Luzone *Capricorn* with short-lined Sheaths, *Cat.* 202.

11. A prickle-tail'd *Luzone Cricket* with its Grub, *Cat.* 111.

12. Petty. *A brass Coin current in* Batavia, Java, *&c.*

Tab. 77. Fig. 1. A *Long Cone or Fuli of a* Malabar Palm, *on whose Leaves they write with a Pin*, Cat. 397.

A. 2. *Large* Limington *Whelk*, *Cat.* 108. Some of these weigh half a Pound, and are 8 Inches about.

3. Cape *Fig-Marygold*, with a purplish Flower and yellow middle. *Cat.* 481.

4 & 5. Two different Impressions of *China Inck Cakes*.

A. 6. Limington *Bottle Whelk*, *Cat.* 107. This is one of the largest Size, it gradually lessens from 4 Ounces to 10 Grains.

7 & 8. A small Silver *Indian Coin*, with Characters on one side only

9. Cape, Purple *Fig-Marygold*, with hairy tipt Leaves, C. 484.

10. Yellow, Cape *Fig-Marygold*, with a whitish bottom, *Cat.* 482.

11. Drum Stones, *Cat.* 550. Mr. *Thomas Preston* Surgeon tells me, one of these lye on each side the Head of that *Fish*, which is common on the Coasts of *Maryland* and *Virginia*.

12. Another *Stone* supposed to be found in a sort of *Cod-fish*, *Cat.* 549.

13. China *Caltrops*, a strange shining black horned *Fruit*, elegantly wrinkled as if carved or wrought.

A. 14. *Long hairy leg'd* Home *Spider*, *Cat.* 45. Mr. *West* brought me this from *Islington* caught in a House there *Aug.* 4. 1706.

Tab. 78. Fig. 1. A Brown *Luzone Butterfly* with greenish Spots, *Cat.* 196. This elegant Fly and its Delineation Father *Kamel* sent me.

2. Yellow, Cape *Fig-Marygold* with a light notcht Leaf, *Cat.* 483. It's glaucole and triangular.

3. Straw flowred, *Cape Fig-Marygold* with a horned Calyx, *Cat.* 485.

A. 4. Limington *Worm-shell*, *Cat.* 83. Some of these that are whole, are much longer than the *Figure* and end sharper.

5. A small *Luzone Crab* with a large right Claw, *Cat.* 189. These burrow in holes on the Shore.

6. China *Silver-tail*, *Cat.* 186.

7. China *Gold-tail*, *Cat* 187. *Fish* brought thence alive.

A. 8. Rib-welted *Limington* Tellen, *Cat.* 58. I have a *Bivalve* like this from *Jamaica*.

9. Saffron, Cape *Fig-Marygold* with roundish Leaves, C. 480.

10. White, Cape *Fig-Marygold* with House-leek Leaves, *Cat.* 478. All these *Fig-Marygolds* in this and the last Table Mr. *Gardner* of the *Temple Garden* gave me in Flower, about the beginning of *June*, *A.D.* 1706.

A. 11. Limington *Thorney-ribs*, *Cat.* 106. A sort of *Fossil Murex*, of which this is about the middle Size, the smaller are the most plentiful.

A. 12. *Flat* Limington *Unicorn*, *Cat.* 113.

A. 13. *Round* Limington *Unicorn*, *Cat.* 114.

Tab. 79. Fig. 1. A *Long slender* Luzone *Centipes*, *Cat.* 192. It's a Span long, yellowish, with a brown Head, and has near 100 *Feet* on each side.

2. A small *Silver Coin*.

3. Surat *Cats-eye*, sent me thence from Dr. *Waldoe*. I take it to be part of a Shell polisht.

4. A sort of *Gum Succory* with *hoary Primrose* Leaves and yellow *Flowers*. Sambongeala *Luzone*, *Cat.* 326. *Kam. Ray 3. App. 5. pl. 3.*

5. Tabataba coxan *Luzon*. Bears a blew thrummy *Flower*, with Leaves like the last, spreading on the Ground, *Cat.* 327. *Kam.* Ray 3. *App. p. 3. pl. 5.*

A. 6. *Blobber-lipt* Edinburgh *Whelk*, *Cat.* 85. These are found on the Shores of *Leigh* near that City.

A. 7. Harwich *Grater Cockle*, *Cat.* 60. *Found* in those *Cliffs*.

8. Singandacat *Luzon*. Bears a small blew threddy *Flower* on Mountains, *Cat.* 329. *Kam. Ray App. 3. pl. 3.*

9. Arulatag *Luzon*. A sort of *Succory* with a small blew *Flower* and *Primrose* Leaves, *Cat.* 328. *Kam. Ray Ap. 3. pl. 2.*

A. 10. Long *Pierce-stone* or *Pholade*, *Cat.* 74. These frequenrly work themselves into large Clay stones, and there live.

A. 11. Short *Pierce-stone*, *Cat.* 75. Like the last, but broader and not so long.

A. 12. Broad *Pholade-Muscle*, *Cat.* 77. A broad flattish smooth Shell, open at one end.

A. 13. Furrow-rib'd *Pholade-Muscle*, *Cat.* 76. The better part of each Valve is rugged the other smooth, parted by a Furrow.

14. Carolina *Salamander*, *Cat.* 535. Much less than our *European* Kind, and is only spotted.

Tab. 80. Fig. 1. A sort of *Globe Amaranth* with a scarlet and sometimes white Flower, *Cat.* 340. *Kam. Ray 3. Ap. 4. p. 18.*

2. Salt-speckled *Gowry*, *Cat.* 278. From the Resemblance of its Spots.

3. Luzone *Steeple Fern* with lifted Seed-edges, *Cat.* 318.

A. 4. A *Fossile Bivalve*, found in a Strata or Bed of Shells, at the *West* end of *Woolwich* in *Kent*, *Cat.* 61.

A. 5. Another found about *Maidstone* in *Kent*, given me by Mr. *John Bagford*, *Cat.* 62.

A. 6. This Fossile Sr. *Robert Sibbald* sent me from *Scotland*, C. 30.

7. Concha Veneris *parva*, *maculata*, *ventre purpureo*. This is known from all others, its belly being wholly purple.

8. Jamaica *Buff Gowry* with a purple Mouth, *Cat.* 585.

9. Indian speckled, Starling *Gowry*, *Cat.* 279. A Shell not common.

10. Small white rib'd *Barbadoes* Limpet, *Cat.* 583.

11. *Barbadoes* Thimble Limpet, *Cat.* 580.

12. Wart-rib'd *Barbadoes* Limpet, *Cat.* 581.

13. Tagolina *Luzon*. A *Sowthistle* with purple Flowers. *Cat.* 330. *Kam. Ray 3. App. p. 3. 8.*

14. Luzone *Dwarf Sponge*, *Cat.* 378. The Juice good in Fluxes, Vomiting, Bleeding, *&c.* *Kam.* Ray 3. *Ap. p. 5. pl. 1.*

FINIS.

GAZOPHYLACII NATURÆ & ARTIS DECAS NONA:

SEU

HERBARIUM CAPENSE.

This DECADE Contains the *Figures* of One *Hundred* Elegant PLANTS, all *growing* about the CAPE of *GOOD HOPE.*

And *Copied* from the *Original Paintings* taken from the *Living Plants, viz.* Thoſe which the *States* of *Amſterdam* preſented to the *Right Reverend* the *Biſhop* of *LONDON*, when His *Lordſhip* was at the *Congreſs* there *A. D.* 1691. with above Fifty others *Painted* from Growing Plants. Lately *Purchaſed* from the CAPE.

By JAMES PETIVER *Apothecary, and* F.R.S. *LONDON.*

Tab. 81. Fig. 1. The *Uniep-leaved* Cape *Dandelion*. c. 422. The *Leaves* of a deep green above and pale below.

2. Narrow jagged leaved *Cape* Wolfs-bane. Cat. 423.

3. Broad jagged leaved *Cape* Wolfs-bane. c. 424.

4. Broad-leaved *Cape* Golden Live-ever. c. 439. Its Stalks brown, *Leaves* pale below, with yellow *Flowers.*

5. Willow-leaved *Cape Flea-bane*, with yellow *Flowers.* c. 425.

6. Fox leaved *Cape Tanſey.* c. 442. *Leaves* pale green, the Stalk circled round the Stalk.

7. Taffel-flowred *Cape Daiſy-buſh.* c. 437. The Flowers white, the *Pale* yellow.

8. A ſort of *Cape Marygold* with a yellow Flower and black bottom. c. 426.

9. *Cape Mayweed* with a ſingle yellow Flower. c. 432.

10. Blew *Cape Mayweed.* c. 435. The *Flowers* blew above, and yellow below, it's green *Leaves* edged with red.

11. Yellow *Cape Marygold* with red edged Leaves. c. 434.

12. The *ſame* with *Leaves* wholly green. c. 433.

Tab. 82. Fig. 1. *Cape Cats-foot* with *Ribwort-leaves.* c. 428. This *flowers* in the *Spring* about the *Cape* of *Good Hope* in barren places.

2. Curl-leaved *Cape Cats-foot* with Hop-heads. c. 429.

3. A leſſer ſort, with plainer *Leaves.* Cat. 430.

4. *Cape Cats-foot* with leavey Stalks. Cat. 427.

5. Star-flowred *Globe Cats-foot* with long woolly Leaves. c. 431.

6. Long-headed, *Cape Yarrow*, with ſmall tufted Leaves. Cat. 426.

7. White *Cape Scabious* with dented Leaves. Cat. 440.

8. Purple *Cape Scabious* with dented Leaves. Cat. 441. There is a Variety of this with a *white Flower.*

9. A ſort of *Diſſe Cudweed* with long woolly Leaves and ſingle *Flowers.* c. 438.

10. A yellow flowred *Cape Carline*, with fine dented Leaves. c. 438. *

11. *Cape Leonice*, with cloſe *Orange Flowers* and plain Leaves. c. 445.

12. A *Raſland Bryony* with a round *Root*, a ſmall Stalk with *Flower*, and pointed *Fruit*, including 2 Seeds. c. 444.

Tab. 83. Fig. 1. *Cape Rampions*, with *Hart's-horn* Leaves. c. 442.

2. Yellow-flowred *Cape Broom.* Cat. 514.

3. Yellow *Cape Broom*, with *Fennel* Leaves. Cat. 515.

4. Yellow *Cape Cytiſus* with narrow Leaves. Cat. 512. *Flowers* grow 3 or 4 together, from the boſom of Leaves.

5. *Cape Cytiſus*, with tufted Flowers and ſmall Leaves. Cat. 513.

6. *Cape Laburnum* with round Leaves. Cat. 509.

7. *Cape Laburnum* with narrow Leaves. Cat. 510.

8. *Cape Laburnum* with blew Flowers. Cat. 511.

9. A *Shrub*, with a purple *Pea-bloom Flower* and a Scarlet *Fruit* almoſt as big as a *Cherry.* c. 516.

10. A ſmall woody Plant, with *divide Leaves* and a *Flower*, ſet in a roſey Calyx of 6 green Leaves.

11. A little *Shrub* with a ſmall 4 leaved white *Flower*, which ſoon withers, and ſucceeded by a green *Fruit*. *May-Flower* 495.

12. This Plant bears a *Spike* of white 5 or 6 leaved *Flowers* which recoil like our *Scorpion graſs.* c. 421.

Tab. 84. Fig. 1. A knobby rooted *Cape Dogs-bane*, with broad Laurel *Leaves*, and yellow *Flowers* tipt with purple. c. 446.

2. The *ſame* with narrower *Leaves* and purpliſh *Flowers.* c. 447. Both theſe and the next have hairy *Pods.*

3. *Father Tachard's* yellow *Cape Dogs-bane.* Cat. 448. This has much narrower *Leaves* than the laſt, the *Flowers* turn back. *Father Tachard* in his Second Voyage to *Siam*, hath given a Figure of this and ſeveral others, taken from *Cape* Paintings.

4. A *ſcandent Plant* with long oppoſite *Leaves*, and a Melon-like *Root.* c. 449. The *Flower* and *Fruit* of this Plant I ſhould be glad to ſee.

5. *Cape Shrub Cranes-bill* with a Vine-leaf. Cat. 451.

6. *Cape Cranes-bill* with a Curran leaf. Cat. 452.

7. *Cape Cranes-bill* with a Sanicle Leaf. Cat. 453.

8. Scarlet *Cape Cranes-bill* with a thorny Body. Cat. 454. I ſhould be glad to ſee this Tree.

9. Bloody *Cape Cranes-bill* with Mugwort Leaves. Cat. 455.

10. Yellow *Cape Cranes-bill* with Hemlock Leaves. Cat. 456.

11. *Cape Cranes-bill* with a red *Flower* and *Turnep-root.* Cat. 457.

12. Fine, grey leaved *Cape Cranesbill.* Cat. 458.

Tab. 85. Fig. 1. *Cape Dog-ſtones* with a yellow *Flower* and red ſpotted Stalk. Cat. 503.

2. A ſort of *Cape Dog-ſtones* with 3 purple *Flowers* from one bale. Cat. 506. This elegant *Bulb* is the firſt Plant amongſt the Reverend the *Biſhop* of *London* his *Cape* Paintings.

3. Bluſh *Cape Star-flower.* Cat. 494. The *Flowers* white, edged with a bluſh of red, each compoſed of 6 equal *Petals* with as many apiculated *Threds.*

4. The Radiated *Cape Noſegay.* Cat. 495. *Father Tachard* has *figured* this elegant *Bulb*, but without Leaves, a Taſſel of which Mr. *John Starrenburg* ſent me from thence.

5. *Cape Day-Lilly* with a bluſh *Flower.* Cat. 497. The *Leaves* are not ſeen whilſt in *Flower.* There is another ſort with *white Flowers.*

6. *Cape Tulip-Orchis* with a long *Root.* Cat. 500. This Anomalous Plant has red *Tulip-like Flowers* growing out of a Tuft of green Leaves with bluſh Tips; its *Seed Veſſels* pentangular

7. *Cape Tulip-Orchis* with *Dog-ſtone Roots.* Cat. 499. Its *Stalks* red-ſpotted and ſocket-leaved, *Flowers* like the laſt, but *Root* teſticulated.

8. Flatiſh *Cape Pat-ſhell.* Cat. 416. *Found* on thoſe *Shores.*

9. *Cape Feather-legs.* Cat. 410. A very odd *Inſect* with a yellow *Back*, the other Parts of a Fleſh Colour.

10. Yellow *Cape Tmamuia.* Cat. 405. The *Body* whitiſh, but the Swaths about it yellow, as are its Legs, ſpotted with black.

11. Warty-ribb'd *Cape Lamper.* Cat. 417.

Tab. 86. Fig. 1. White *Cape Dragon-Orchis*, with round *Socket-leaves.* Cat. 501.

2. Yellow *Cape Dragon-Orchis*, with broad, pointed *Socket-leaves.* Cat. 502.

2. Purple

3. Purple *Cape Dragon-Orchis*, with curled *Socket-leaves*. Cat. 504. These 3 last have red spotted *Stalks*.

4. *Cape Dragon Tulip*. Cat. 496. From the Likeness of its *Flower*, of a pale red, full of pin-headed *Threads*, with a bush *Stalk* spotted with red.

5. A *Pinnated Prickley Cape Euphorbium* with green *Flowers* and *Leaves*. Cat. 519.

6. Yellow *Cape Euphorbium*, with scaly Stems. Cat. 520.

Tab. 87. Fig. 1. PUrple *Cape Corn Flag*. Cat. 498. I take this to be the same with that amongst the *Bishop* of *London's* Paintings under *Fig.* 5. Pluk. *Phytograph. Tab.* 187. 4. altho' His *Lordship's* has but 3 *Flowers*, and the Leaves set higher on the *Stalk*.

2. Branched *Cape Hogs-snout* with purple Flowers. Cat. 507.

3. Cape *Rose Star-flower*. Cat. 492.

4. Tall *Cape* Flesh-coloured *Harebells*. Cat. 491.

5. *Cape Hogs-snout* with starry Flowers. Cat. 508.

6. *Tachard's Cape* yellowish *Star-flower*. Cat. 493. This *Kuth* is *figured* in that *Fathers Voyage* to *Siam*, it's also amongst the *Bishop* of *London's* Paintings.

7. *Commelina Capensis lutea, trifoliata, crispa*. The *Flowers* yellow with large triangular *Fruit*. This and the next being very elegant and peculiar Plants, I have presumed to hand them down to Posterity, under the Patronage of His Lordship the *Bishop* of *London* his Name; being highly obliged to him for the *Copies* of them from his *Paintings*, which he was pleased lately to send me.

8. *Commelina Capensis lutea, monophylla, crispa*. The Sheath of this *Leaf* is finely markt with bloody Spots like our *Garden Dragons*: By which and its single Leaf it chiefly differs from the last.

9. *Cape*, Branched Tree *Aloes*. Cat. 465.

10. *Cape Cinder Cherry*. Cat. 529. The *Fruit* small and stalkless, the *Stone* rugged.

11. Common *Cape Cherry*. Cat. 530. These grow sometimes 2 or 3 together on short *Footstalks*, with a furrowed *Stone*.

12. *Tachard's Cape Cherry*. Cat. 528. The *Fruit* red and Furrowed *Stones* like the last, but *Leaves* much less and grow closer together.

Tab. 88. Fig. 1. COmmon smooth *Cape Aloe*. Cat. 464. The *Leaves* edged and spotted with white, the *Flowers* red, but yellow next the *Stalk*. *Father Tachard's Figure* seems the same, but that he has omitted the white Spot in the Leaves. The *Flower* in the *Bishop* of *London's* Paintings are all red and somewhat longer; nevertheless I take them all to be the same.

2. Common prickly *Cape Aloe*. Cat. 463. The *Flowers* are wholly purple in My *Lord's Paintings*, and the *Stalk* all green; in mine the first are partly yellow and the last reddish, which may proceed from different Growths.

3. Common *Cape Tree Aloe*. Cat. 466. In this My *Lord's Painting* and mine very much agree, as you may see by that Copied in Dr. *Plukenet's Phytographia Tab.* 129. *Fig.* 3.

4. Blew *Cape Fig Marygold* with *Bay-leaves* and a *Parsnip-root*. Cat. 476. The midst of the *Flower* is full of yellow *Threads* tipt with Purple.

5. Broad Curl-leaved *Cape Fig Marygold* with a purple thrummy *Flower*. Cat. 477.

6. *Cape* yellow *Fig Marygold* with Grass Leaves. Cat. 488 By which, and its 5 green-leaved starry *Flower-cup*, it's distinguished from others.

7. Club-leaved *Cape* yellow *Fig Marygold*. Cat. 487.

8. Dwarf triangular *Cape* yellow *Fig Marygold*. Cat. 479.

9. Dwarf triangular *Cape* red *Fig Marygold*. Cat. 480.

Tab. 89. Fig. 1. *CApe Pine Aloes* with *Onion-leaves*. Cat. 469. The tip of the *Flowers* red, the *Shanks* yellow.

2. *Cape Aloes* with *Onion-leaves*. Cat. 468. The *Flowers* like the last, but when full blown turn backwards. The *Stalks* are red in My *Lord's Paintings*, and green in mine.

3. Palm-leaved *Cape Aloes* with woody *Stalks*. Cat. 467.

4. *Cape Houseleek* with thick roundish Leaves. Cat. 470. The *Flowers* reflex like *Fig.* 2. and of the same Colours.

5. *Cape Houseleek* with *Pine-leaves*. Cat. 471. Its *Flowers* yellow mixt with red, and when full blown, open like the *Jasmin*.

6. *Cape Spinea* with white loose Flowers. Cat. 474.

7. *Cape Houseleek* with white umbell Flowers. Cat. 472.

8. *Cape Spinea* with white close Flowers. Cat. 473.

9. White *Cape Spinea* with Savory Leaves. Cat. 475.

Tab. 90. Fig. 1. *CApe Euphorbium* with a Pine-apple *Stalk*; and a rim of white jagged Flowers. Cat. 518.

2. *Cape* Melon-thistle *Euphorbium*. Cat. 717. This amongst My *Lord* of *London's* Paintings, is elegantly expresst both whole and cut.

3. Yellow-flowred *Cape Euphorbium*, with pointed, thick opposite *Leaves*. Cat. 521.

4. Small *Cape Fritillary*, or *Pinnated Dogs-bane*. Cat. 450.

5. Yellow *Cape Centaury* with *Star-leaves*. Cat. 460. These *Flowers* have a black Bottom.

6. Grass-leaved *Cape Centaury* with purple *Flowers*. Cat. 459.

7. *Cape Bottle-heath* with blush Flowers and red Pointels. Cat. 531.

8. *Cape Linden Climer*. Cat. 524. A very singular Herb, with a thick brown *Root* and *Leaves* like our *black Bryony*, its yellow stellated *Flowers* adhere to the middle rib of a jagged Membrane, which seems to close on occasion to cherish that or its *Fruit* from the Injury of Cold, *&c.* I have never seen any thing like it, except the Flowers of our *Lime* or *Linden Tree* which is somewhat Analogous.

9. *Dolneus* his *Rock Button-Flower*. Cat. 522. This odd Plant being wholly new both in Face and Species, I have determined to record him under the Name of its first Discoverer Dr. *Martin Dolneus* a German *Physician* and *Surgeon*, to whom I am obliged in the Purchase of the greatest part of the Paintings in this Decade, which he procured to be drawn on the Spot from the Original Plants growing luxuriently wild, about that *Fertile Promontory* the CAPE of *GOOD HOPE*.

GAZOPHYLACII NATURÆ & ARTIS DECAS DECIMA.

Tab. 91. Fig. 1. DWarf *Sea Fern* Ray *Hist. Plant.* 140. Synopf. 27. *Icon.* 46. This Figure is of its natural Bigness taken from a Sample, which Dr. *John Thorpe* *F. R. S.* gathered near *Hastings* on the Coast of *Sussex*.

2. This represents the Belly of the *Carolina Salamander*, Tab. 79. Fig. 14.

A. 3. Small netted *Thames Nerit*. Cat. 96. I find this *Shell* on the Sandy Banks in the *Thames*, particularly against the Physick Garden at *Chelsey*.

4. Barbadoes *Water Melon* with *Seed* naturally carved, as it were, to the *Kernell*. Cat. 603.

A. 5. *Sussex Sea-straw*. Cat. 115. From its Likeness when dry. First discovered by Dr. *Thorpe* on the Sea Shore, near *Hastings* in *Sussex*.

6. A Stoney bonelike Substance, which was brought to Father *Kamel* for a *Serpent's Horn*. Cat. 194.

7. *Luzone Adhatoda* or *Snap-tree* with a *Jasmin Flower*. Cat. 353. *Ray* Hist. Plant. *Vol.* 3. App. p. 4. pl. 3. Where you may see its *Description* at large, with its wonderful Virtues in curing Wounds, Ulcers, Impostumes, Fluxes, *&c.*

8. Another sort of the last with a *Bay Leaf*, call'd by the *Spaniards* in *Luzone*, Yerva de los Paxarillos. Cat. 354. Kam. *Ray* Vol. 3. App. p. 5. pl. 5.

A. 9. Yellow English *Hedge Snail*. Cat. 91. This is wholly yellow, without any Girdle.

A. 10. Girdled, yellow English *Hedge Snail*. Cat. 92.

A. 11. Flesh-coloured English *Hedge Snail*. Cat. 93.

A. 12. Girdled, Flesh-coloured English *Hedge Snail*. Cat. 94. These Four are Varieties of the *Common girded Hedge Snail*, and found in the same places.

Tab. 92. Fig. 1. A *Gibraltar Lizard* finely embroidered on the Back, with brown Nets and yellowish Specks, with blewish Spots on the sides. This beautiful Creature was presented me alive by my hearty Friend Mr. *John Martyn* Instrument Maker, it lived above 3 Months after it was brought over, without any Food, and dyed in the Winter.

2. A sort

1. A ſort of *Bawm* call'd in *Luzone Mayana*, and by the *Spaniards* the e, *Oja Morada* Kam. *Ray* App. p. 5. pl. 11.

2. Luzone *Tricolor Bawm.* Cat. 349. This the *Spaniards* call *Parad ſinca*, and the *Indians Zaraſſa*, in *China Joaàn.* They cultivate it for an Ornament in their *Gardens.* Kam. *Ray* App. p. 5. pl. 9, & 10.

4. Great, Girdled, *Braſile Cheeſe-ſhell.* Cat. 577. Of the ſhape with the next but much larger and girdled. I am obliged to that curious Anatomiſt Mr. *George Rolfe* Surgeon, for this and many other Rarities both from himſelf and Friends.

A. 5. Great River *Cheeſe-ſhell.* Cat. 97. Pretty common in divers *Rivulets* and *Ponds* about *London.*

A. 6. Small, many-twirl'd, thin River *Cheeſe-ſhell.* Cat 98. It rarely exceeds the Figure: Found with the laſt.

A. 7. Tiney, double circled River *Cheeſe-ſhell.* Cat. 100. Very like *Tab.* 35. *Fig.* 8. but always found in Freſh Waters, *viz.* in the Rivulets about *Peterborow Houſe Weſtminſter*, where the 2 precedent are pretty common.

A. 8. Tiney, many Circled thick River *Cheeſe-ſhell* Cat. 99. A little bigger than the laſt, this has about 6 Twirls very diſtinct on the flat ſide. Found with the laſt, but both very ſparingly.

A. 9. Common girdled *Hedge Snail.* Cat. 90. Very frequent in Hedges and ſhady Places.

A. 10. Brown *Hedge Snail.* Cat. 95. A Variety of the laſt but not ſo common.

A. 11. Land *Cheeſe-ſhell*, with a ſharp Edge. Cat. 101. Mus. *noſtr.* 734. It has a deep Navel. Found in the Hedges between *Charlton* and *Woolwich*, but not common.

A. 12. *Richmond Cheeſe-ſhell* Cat. 12. Muſ. *Petiver.* 755. Found in a Pit there, with other *Foſſils.*

13. A blackiſh *Luzone Butterfly* with Pearly Spots. Cat. 195. Sent me from the *Philippine Iſles* by *Father Kamel.*

14. *Black Pounc'd* Madrals *Slug-beetle.* Cat. 208. This amongſt others, I have deſcribed in the *Philoſophical Tranſactions.*, N°. 271. p. 861. 13.

A. 15. Small porole Velvet *Agarick.* Cat. 122. *Found* on it growing to old Wood and Trees.

A. 16. *Urchin Muſhroom.* Cat. 121. From its roughneſs underneath. The Reverend Mr. *Adam Buddle* that accurate Engliſh Botaniſt gave me this, gathered about *Hampſtead.*

17. A netted Membrane which *Father Kamel* ſent me of a certain Tree growing in the *Philippine Iſles.*. Cat. 398.

Tab. 93. Fig. 1. A Fragrant Herb with a ſmall 3 leaved blew *Flower* call'd in Luzone *Suganda*, *Tarahamſac* or *Tatacnaſi*, it grows in ſtanding Waters. Cat. 383. Kam. *Ray* App. p. 9. pl. 1.

2. *Luzone Vervain* with Mint like Leaves. Cat. 347. Kam. *Ray* App. p. 6. pl. 12.

3. *Luzone All-heal.* Cat. 351. See its many *Virtues*, &c. Kam. *Ray* App. p. 5. pl. 12.

A. 4. White *Coral Muſhroom.* Cat. 118. Found in *Hampſtead* and *Hornſey* Woods with the next.

A. 5. Yellow *Coral Muſhroom.* Cat. 119. Differs from the laſt only in Colour.

6. Brown *Luzone Butterfly* with pale ſpotted Edges. Cat. 197. The Specks in the midſt of the Wings on the under ſide, ſeem to have a changeable purpliſh caſt.

A. 7. Engliſh chain-headed Sea *Button-ſhell.* Cat. 89. This is ſomewhat prominent above the Navel, round its tip is a Chain-twirl of ſtant brown Streaks. Found on our own Shores, I have alſo obſerved it at *Catwick-ſee* in *Holland.*

A. 8. Broad thin *Horſe-Muſcle.* Very common in the *Thames* and Rivers adjoining.

A. 9. Long thick *Horſe-Muſcle.* Found with the laſt and both in *Batterſey* Meadows, about the Windmils.

A. 10. Great, narrow ſtreakt *Pool Cockle.* Cat. 70. It's finer ſtreakt than the Common, and much thinner for the Size, being as large as ones Fiſt. I found this about *Pool* in *Dorſetſhire*, and on the neighbouring Shores.

A. 11. Small triangular *Cockle* Cat. 71. This I obſerved about *Maulden*, and in the Hundreds of *Eſſex.*

A. 12. Land circled *Cheeſe-ſhell.* Cat. 103. Has a large deep Navel, and round rim. Found plentifully on a Sand Bank by the *Thames* near *Richmond.*

A. 13. Small, hairy, ſtreakt Land *Cheeſe-ſhell*, Cat. 105. This is ſomewhat hairy, and for that reaſon often dirty; when full grown, it's ragged mouth'd.

A. 14. Small ſhining Land *Cheeſe-ſhell.* Cat. 104. Found with the laſt, at the bottom of Trees near wet (and in ſhady) Places.

A. 15. Red-waved, thread-girdled *Heart Cockle*, Cat. 65.

A. 16, *Engliſh*, rugged, *Purple-ſhell.* Cat. 110. From the Dye it yields. Found on our own Coaſts in divers Places.

A. 17. *Cornwall Heart Cockle* with rugged Girdles. The common Size, neer that of the Figure. Found about *Cornwall* and the *Mediterrancan* Shores.

A. 18. Thread-girdled, white *Cockle.* Cat. 63. Like *Fig.* 15. but with a much ſmaller Hinge and no cordated Impreſſion at the Noſe.

A. 19. Smooth, white, Foſſil, Chalk *Blobbernoſe*, Cat. 52. Found in divers Chalk-pits, and filled with that Subſtance.

Tab. 94. A. Fig. 1. SMall broad *Scallop.* Cat. 67. The Ridges high and narrow, with broad deep Furrows rarely bigger than the *Icon.*

A. 2. White crumpled *Scallop.* Cat. 68. Theſe are all miſ-ſhapen, and ſeem irregular or maimed in ſome part.

A. 3. Small, white, thin *Spoon-Muſcle.* Cat. 53. Somewhat broader than the next, and very brittle.

A. 4. Small, white, thin, *Spoon-hinge.* Cat. 54. From the ſhape of that part, it's much narrower at one end than the laſt.

A. 5. Red-cap, *Spoon-egg.* Cat. 56. Each of theſe Valves reſemble a Tea-Spoon; and both ſhut, a ſmall Egg.

A. 6. Many girdled *Spoon-egg.* Cat. 57. Both theſe are found on our Sea Coaſts in divers Places.

A. 7. *Pool Spoon-Egg.* Cat. 55. Like the 2 laſt, but twice the Size and ſomewhat thicker. I gathered theſe about *Pool*, and againſt the Iſle of *Wight.*

A. 8. *Cornwall Purr.* Cat. 78. An elegant Bivalve with broad Rays and fine Capillary Waves.

A. 9. Red-waved *Baſſand Tellen.* Cat. 81. A beautiful and uncommon Shell.

10. Small red *Virginia Agarick.* Cat. 602.

11. Small *Virginia Star-puff.* Cat. 601.

12. Scarlet *Scallopſtated Virginia Agarick.* Cat. 600.

13. A.B.C.D. Midwives *Bathing-herb.* Cat. 376. From its Uſe. In *Luzone* they call it *Caſopangil*, and by the *Spaniards* there, *Yerva de las Paridas.* Kam. *Ray* App. p. 6. pl. 17.

14. Docot docot *Luzone.* A *Verticillate* Water Herb, whoſe *Huſks* ſtick to Cloaths like *Burrs* or *Civers.* See its *Virtues Ray* App. p. 6. pl. 13.

15 E. F. *Malaban Holley-leaved Beans-breech.* Cat. 352. *Ray* App. p. 6. pl. 16. *Grows* by Rivers ſides.

Tab. 95. Fig. 1. A Round leaved *Luzone Corn-ſallet.* Cat. 385. *Yerva del toſton Hiſpanis*, i. e. *Nummularia.* Kam. *Ray* App. p. 7. pl. 22.

2, 3, 4, & 5. *Luzone Evergreen Orpine.* Cat. 384. *Kalanchauhay Chinenſibus.*

6. Chineſe *Samtanguy* or *Flammula.* Cat. 379. *Grows* about a Yard and an half high, into many Branches, bearing at the top Scarlet *Jaſmin-like* Flowers. Kam. *Ray* App. p. 7. pl. 23.

A. 7. *Kendal Foſſil-cockle*, whith hairy Streaks. Cat. 72. Brought me thence by Mr. *Newby.*

A. 8. Small Hazel *Muſhroom.* Cat. 123. This *grows* on the under ſide of the Leaves like a *Spangle.*

A. 9, 10. *Cockle Muſhroom.* Cat, 195. *Found* in *Woods* growing out of the cut Branches of ſmall Trees.

A. 11. Great Foſſil *Dogs-tooth.* Cat. 84.

12. Small Latticed *Barbadoes Limpet*, with a crooked Noſe tending to the right. Cat. 582.

13. Small, yellow-ſpeckled *Barbadoes Gowry.* Cat. 586. Obſerved on thoſe Shores by Mr. *Carter* Surgeon.

A. 14. Broadleaved ſtalkleſs *Dwarf-Moſs.* Cat. 126. *Found* on Banks *early* in the Spring.

A. 15. *Doody's* pendent-headed hairy *Dwarf Moſs.* Cat. 127. Very common on all the Brick-walls about *London.* This and the laſt are *Microſcopically* Figured.

A. 16. Dr. *Sherard's* many headed *Glaſs Moſs.* Cat. 152. From the Tranſparency of its *Leaves.*

Tab. 96. Fig. 1. A Heteroclite. *Luzone* Plant with *Plantain* Leaves, Scarlet and blew *tetrapetaloſe Flowers*, with very ſmall *Seed* in round *Heads.* Cat. 377. See its Deſcription &c. Kam. *Ray* App. p. 7. pl. 24.

2. A. B. C. A brittle *Luzone* Shrub, with a long piped *Jaſmin* Flower; and often 3 together. Cat. 370. *Ray* App. p. 8. pl. 30.

3. D. E. F. G. *Flowers* like the laſt, but the *Pipe* ſhorter and *Huſk* larger, the green *Leaves* grow 3 together, round the *Stalk.* Cat. 371. *Ray* App. p. 8. pl. 31.

4. A *Luzone Shrub* with roundiſh hoary alternate *Leaves*, and a white Moſſy *Spike* or *Catkin.* Cat. 392. *Ray* App. p. 7. pl. 28.

5. A *kind* of the *laſt*, with longer *Leaves* and white *Spikes*, full of ſmall *Purſlain Seed* in round *Huſks.* Cat. 393.

6. Great Hebrew *Gowry.* Cat. 271. From the Lines between the Spots, which reſemble thoſe Characters. This is as big as a *Turkey* Egg.

7. *Great Leopard.* Cat. 273. A large ſmooth ſhining *Gowry*, which is uſed for a *Poliſh* or *Slick-ſtone.*

8.

8 Great Turtle *Leopard* Cat. 274. From the Iſland *Mauritius*. Its Belly very flat and black, as are its *ſides*, its *Hunch-back* ſpotted with white.

9. Small *Borneo Turtle Leopard*. Cat. 275. Differs from the laſt, in being ten times leſs, with very ſmall Specks.

10. Common, ſmall, ſpeckled *India Gowry*. Cat. 285. *Muſ. Petiver.* 712. This has a tawny *Belly* and *Sides*, with purple tips, it's a pretty but common Shell.

11. Small Speckle-belly'd *India Gowry*. Cat. 286. About the Size of the laſt, but differently ſpeckled.

12. Small, ſpeckled, white-bellied *Gowry*. Cat. 287. Its *tips* ſpotted with black, and *Belly* all white, ſpeckled like the laſt, but a Size leſs.

Tab. 97. Fig. 1. CApopot *Luzon*. A ſort of *Wormwood* of a *Parſly* Savour. Cat. 339. It *flowers* in *February*. See its *Virtues Ray* App. p. 8. pl. 1.

2. A Chineſe *Featherfew* with double white or bluſh *Flowers*. Cat. 337.

3. Another with a double yellow *Flower*. *Muſ. Pet.* 786.

4. Popotan *Luzone*. A broad hoary leaved kind of *Sea Tanſey*. Cat. 341. *Ray* App. p. 8. pl. 4.

5. A ſort of broad and jagged-leaved yellow *Sanicle*, call'd in *Luzone*, *Silililiban*, *Tuvay*, or *Subo*. Cat. 345. *Ray* App. p. 8. pl. 6.

6. Great *Madraſs Argus Gowry*. Cat. 276. I have alſo had it from *Java* and *Borneo*, but all decayed or dead *Shells*: The living ones are finely circled on the back with 4 large black Spots on its *Belly*.

7. Great, white, Egg *Gowry*. Cat. 277. This is brought from *Amboina* and other Parts of *India*, it's remarkable for its Bulk, Whiteneſs and Shape, having a ſmooth Mouth on one ſide.

8. *Guinea* Gowries *Muſ. noſtr.* 19. Commonly call'd *Blackmoor's Teeth*, and go in thoſe Parts for *Money*. Theſe are often uſed at *Cards* for *Counters*.

9. Smooth *Blackmoor's Teeth*. Like the laſt, but without Bumps.

10. *Small, pale, girdled* Liver Gowry, *Muſ. noſtr.* 710.

11. Small, black *Gowry*, with white *Girdles*, *Muſ. noſtr.* 711. This is pretty and common.

12. White *Warty Gowry*. Cat. 291. It has generally a Furrow along the *Back*, which is full of *Warts*, its *Belly* ſtreakt from ſide to ſide.

13. *Differs* from the laſt in being leſs, its *Mouth* tipt with yellow, and the *Warts* not ſo diſtinct. Cat. 292.

14. Fork-mouth'd *Wart' Gowry*. Cat. 294. The tips ſtanding far out, diſtinguiſh it from the reſt.

15. Warty *Liver Gowry*. Cat. 293. Its colour differs it from *Fig.* 12, 13.

16. Iſabella *Gowry*. Cat. 280. A Tawney Shell with black Streaks and Specks, its *Belly* white with *Saffron* tips.

17. Thick, Saffron-tooth'd *Gowry*. Cat. 281. By which, and a ſingular ridge on one ſide its white Belly, you may eaſily know it from the reſt.

18. Nicholl's *Venus Gowry*. Cat. 288. It's an elegant Shell compoſed of pale *Fields* lightly ſpeckled and others Amber-coloured, pounc'd with white. My curious Brother Mr. *John Nicholls* was pleaſed to make me a Preſent of this, and is the only one I have yet ſeen either in *England* or *Holland*.

19. *Northumberland Gowry*. Cat. 282. This is diſtinguiſht from all others, in having a brown Spot like Bruiſes on each ſide.

20. *Cumberland Gowry*. Cat. 283. Like the laſt, but without the ſide Spots, and a much lighter Shell.

21. Freckled *Olive Gowry*. Cat. 284. A pale longiſh Shell, freckled with Olive Specks and often clouded on the Back.

22. Pap-noſed *Gowry-kin*. Cat. 295. A white Shell ridged croſs the Back, with a Pap at each end, and the *Belly* notcht but on one ſide

23. Small, thick, round *Diper*. Cat. 297.

Tab. 98. Fig. 1. THis ſeems a kind of *Acmella* with a *conical* naked Flower and *Pellitory* Leaves. Cat. 332. *Ray* App. p. 8. pl. 7.

2. A Variety of the next which by being brought into *Gardens*, grows with much broader and longer *Leaves*. Cat. 335. *Ray* App. p. 8. pl. 9.

3. A creeping kind of ſmall *Sea Marygold*. Cat. 333. *Ray* App. p. 8. pl. 8.

4. Another *Garden* Degeneracy from the laſt, with deep jagged *Leaves*. Cat. 334. *Ray* App. p. 8. pl. 10.

5. A ſort of *Marygold* much uſed in the *Philippines* both for *Food* and *Phyſick*. Cat. 336. *Ray* App. 8. pl. 12.

6, 7. A kind of *Marjoram* or *Stachas*, which they uſe in *Luzone* inſtead of *Betony*, and for its Fragrancy, put it into *Sweet-bags* and *Pincuſhions*. Cat. 346. *Ray* App. 5. pl. 8.

8. Light *Molucca* Cloath-ſhell. Cat. 244. S. B. 4. 9.

9. Heavy *Molucca* Cloath-ſhell. Cat. 245. S. B. 4. 10.

I have deſcribed both theſe in the *Philoſoph. Tranſact.* N°. 274. p 929. under N°. 9. & 10. to which I refer you.

10. Marbled *Luzone* Stamper, with a fleſh-coloured and black Mouth. Cat. 243.

11. Great *Madraſs* Partridge-ſhell. Cat. 251. This the Reverend Mr. *Geo. Lewis* ſent me from Fort St. *George*.

12. Long, rib'd *Luzone* Partridge-ſhell. Cat. 253.

13. Small waved *Luzone* Partridge. Cat. 252. Mr. *Joſeph Himmer* has alſo obſerved this on the Shores of *Batavia*.

14. Knotty-rib'd *Madraſs* Partridge. Cat. 254. Mr. *Simon Hill* brought me this from the Straits of *Malacca* and *Sincapour*. I have alſo had it from *Java* and *Luzone*.

15. *Luzone* Spiral Whelk, with bugle Twirls. Cat. 239.

16. *Luzone* Olive Whelk, with white Slants and Spots. Cat. 241.

17. *Luzone* Olive Whelk with white Specks. Cat. 240. This and the laſt are Varieties of the ſame Shell.

18. *Luzone* Serpentine Cake-ſhell. Cat. 229.

Tab. 99. Fig. 1. IAyutu *Luzone*. A ſort of *Gratiola* with rough notcht *Leaves* and bluſh *Flowers*. Cat. 358. *Ray* App. p. 10. pl. 16.

2. A kind of the laſt, with broad notcht hairy *Leaves*, and pale blew *Flowers* on long *Stalks*. Cat. 359. *Ray* App. p. 10. pl. 16.

3. *Luzone Chickweed*, with 3 or 4 ſmall white 5 leaved *Flowers*, and as many plain *Leaves* at each Joynt. Cat. 367. *Ray* App. p. 10. pl. 17.

4. Another ſort of *Gratiola*, with plain longiſh *Leaves* and ſmall white *Flowers*. Cat. 360. *Ray* App. p. 10. pl. 18.

5. *Alibangon Luzone*. A ſort of 4 petal *Chickweed*, with 3 ſmall white *Flowers* commonly together. Cat. 368. *Ray* App. 10. pl. 19.

6. An odd ſort of white *Luzone Star-flower*. c. 372.

7. *Luzone Cudweed* with a wheited Stalk. c. 372.

8. A ſort of woolly-leaved *Glaſſwort*, call'd by the *Spaniards* in Luzone, *Varilla*. c. 324. Grows in marſhy Places.

9. Common Indian *Nautilus* or *Sail-ſhell*. c. 267.

10. This elegant rugged Shell I have alſo received from *Pulo Condore*. c. 238.

11. Ceiram rib'd *Partridge-ſhell*. c. 255. Firſt brought me thence by Mr. *Sylvanus Landon*.

12. Black *Diamond Stamper*. c. 257. S. B. 3. 5. & 4. 11. *See* its Synonyms and Deſcription in the *Phil. Tranſact.* N°. 271. p. 859. 5. & N°. 274. p. 930. 11. I have had this from divers parts of *India*.

13. Black *Madraſs curl'd Whelk*. c. 284. It's found alſo in ſeveral other parts, *viz. Bombay*, *Micowabi*, &c.

14. Indian *Diper*. c. 296. S. B. 4. 6. *ſeu Act. Phil.* N. 274. p. 928. 6. where it's deſcrib'd, &c.

15. Flat headed *Luzone* thick ſhell. c. 215.

16. A thin-rib'd *Luzone* River-ſhell. c. 222.

17. *Luzone* flat-headed various coloured *Nerit*. c. 225.

Tab. 100. Fig. 1. PLaner's *Carthagena* Admiral. *Papilio maxima cærulea, alis albis & virescentibus.*

2. Naked *Aleppo* Locuſt. Cat. 141. This large winged Inſect, with many others, Mr. *Sam. Daniel* Surgeon brought me from *Turky*.

3. Black *Luzone Rhinoceros Beetle*. Cat. 229. Both the Beetle and Deſign *Father Kamel* ſent me.

4. Luzone *Amaga*. c. 391. A dwarf ſort of black *Ebony*, with thick ſmooth *Bay* Leaves. *Common* in *Bito* and *Abuiyo*.

5. Long green *Borneo Snake*. Muſ. Petiver. 105.

6. Deep-ridg'd *Luzone Nerit*. Cat. 226. S. B. 5. 25. This Shell, if lookt thro', is ſomewhat tranſparent, and diſcovers its *white* and *black* Interſtices.

7. Great *Madraſs* Oviparous River round Shell. Cat. 217. The Reverend Mr. *George Lewis* Chaplain to the Factory at Fort St. *George* has ſent me theſe Shells and their *Eggs*, which laſt he has obſerved laid by the *River* ſides.

8. Its *Operculum* or *Cover*. Cat. 218.

9. Small *Luzone* River round Shell. Cat. 220. Soſo *vel* Sulu *Luzone*. Kamel *Act. Phil.* N°. 311. p. 2399. 16.

16. Its ſmooth, yelloviſh, ſhining *Cover*. Cat. 221.

11. Thin, rugged *Luzone* River Unicorn Shell. Cat. 265.

12. *Borneo* thorny curl'd *Murex*. Cat. 249. Mr. *John Rance* Surgeon firſt brought me this elegant Shell from that Iſland, Mr. *Thomas Stewart* Surgeon has alſo found it at *Bencooling*.

13. Luzone *Suſu-ſhell*. Cat. 223. *Father Kamel* ſays this is both a Land and Water-ſhell, it creeps up Trees and makes a ſort of Noiſe. *Act. Phil.* N°. 311. p. 2399. 15.

14. Flat, edged *Luzone* Girdle-ſhell. Cat. 216. A pretty Shell, and the only one I have yet ſeen.

N. B. All the *Shells* in this and the Two laſt *Tables*, that Curious Naturaliſt *Father Kamel* ſent me from *Luzone*; ſeveral of which I have alſo had from other Parts.

LONDON, Printed for *Chriſtopher Bateman* in *Pater-noſter-row*, where this and the *Firſt Volume* are Sold.

GAZOPHYLACII NATURÆ & ARTIS.

TAB. CI. East-India *Plants and Shells.*

FIG.

1
2
3 Momordica secunda Botanicorum. Balsamina fœmina Dodonæi. Mercurialis hortensis. *Camantigui* Luzonis. Kam. Ray Vol. 3. App. 9. Pl. 12.
4 Apiastrum. Luzonis *Papua*. Kam. Ray Vol. 3. App. 10. Pl. 2.
5 Malva sylvestris secunda. Luzonis *Palcs*.
6 Malva sylvestris prima hederacea repens. Kam. Ray Vol. 3. App. 10. Pl. 1.
7 Malva sylvestris tertia. Luzonis *Pamalis*, i. e. *Serparia*. Kam. Ray Vol. 3. App. 10. Pl. 3.
8 Malva sylvestris quarta. Luzonis *Palispalisin*. Kam. Ray Vol. 3. App. 10. Pl. 4.
9 Cochlea auriculata, fasciis castaneis, pulchre obliquiis. Collect. Petiv. 111. No. 297.
10 Cochlea umbilico magno sinuoso, macu'is Castaneis. Collect. Petiv. 111. No. 298.
11 Trochus dentatus, ex fusco variegatus, nodosis fasciis circumdatus. List. H. C. Tab. 638. No. 26.
12 Trochus nostras, lineis latis oblique rubentibus. Mus. Pet. 849. p. 88.
13 Buccinum breviostrum claviculatum læve ex crocco nebulatum umbilicatum. List. H. C. Tab. 982. No 42.
14 Buccinum oblongum minus costis obtusis. Collect. Petiv. 111. No. 299.
15 Buccinum breve minus costis dense positis. Collect. Petiv. 111. No. 300. p. 12.
16 Buccinum ampullaceum rostratum striatum, triplici ordine muricum exasperatum. List. Hist C. Tab. 902. Pl. 22.
17 Buccinum rostratum, triplici ordine muricum canaliculatorum horridum, minus nigrum, ore purpureo
18 Murex breve minus fasciis spinosis. Collect. Pet. 111. No. 301.

TAB. CII. East-India *Plants and Shells.*

1 Malva sylvestris quinta. Luzonis *Padurut*. Kam. Ray Vol. 3. App. 11. Pl. 3.
2 Alcea altera, Luzon. *Colet colotan & Dalupan*. Kam. Ray Vol. 3. App. 11. Pl. 9.
3 Sabdariffa, Luzon. *Malacolotan*. Kam. Ray Vol. 3. App. 11. Pl. 11.
4 Passio altera, seu major. Kam. Ray Vol. 3. App. 11. Pl. 13.
5 Passio congener, Luzonis *Lingindayet*. Kam. Ray Vol. 3. App. 11. Pl. 14.
6 Belmuscus Honorii Belli, Luzonis *Ducummarucum Maricom, Calopi*. Kam. Ray Vol. 3. App. 11. Pl. 19.
7 Althæa arborescens, Luzonis *Anabo*. Kam. Ray, Vol. 3. App. 12, Pl. 22.
8 Althæa urens, Luzonis *Anabo maybulu*, i. e. *pilosa*. Kam. Ray, Vol. 3, App. 12, Pl. 23.
9 Patella minor fusca, ovalis, intus variegata, extus striata alternis striis leviter muricatis.
10 Buccinum Musicum undatum et maculatum. List. Hist. C. Tab. 818, No. 32
11 Buccinum dentatum album costis obliquiis. Collect. Pet. 111. No. 303
12 Buccinum breviostrum productum ore dentato lividum, læve sinuatum & apicibus donatum.
13 Veneroides exilis alba fasciis duabus rufescentibus. Collect. Pet. 111, No. 302
14 Buccinum rostratum labro duplicato compressum cancellatum. List. H. C. Tab. 939, No. 34
15 Buccinum breviostrum ex toto læve claviculatum. List. Hist. C. Tab 977, No. 33
16 Buccinum utrinque productum fuscum striatum et leviter muricatum.
17 Rhombus fasciis capillaribus fuscis cingulo medio albo. Collect. Pet. 111 No. 304
18 Rhombus major strictior, undatus et fasciatus, clavicula acuta productiore. List. H. C. Tab. 722. No. 9.
19 Rhombus major ex fusco, undatus et fasciatus, clavicula sulcata. List. H. C. Tab. 724, No. 11
20 Cochlea variegata parum aut leviter striata parte orbis superioris cujusq; fortiore. List. H. C. Tab. 593, No. 61
21 Operculum album intus auritum. Collect. Pet. 111. No. 305
22 Dentale exiguum album læve.
23 Vermiculus rectus maximus.

TAB. CIII. East-India *Plants and Shells.*

1 Visco-Aloes secunda. Ray Vol. 3, App. p. 33. Pl. 5
2 Visco-Aloes tertia. Ray Vol. 3, Pl. 6
3 Visco-Aloes quarta. Ray Vol. 3, Pl. 7.
4 Visco-Aloes quinta. Ray Vol 3. Pl. 8, & 9
5 Visco-Aloes septima. Ray Vol. 3, App. p. 34. Pl. 12
6 Visco-Aloes octava. Ray Vol. 3, Pl. 13
7 *Lan Hua* Sinensium. Visco-Aloes nona. Ray Vol. 3, Pl. 14
8 Visco-Aloes decima. Ray Vol. 3, App. p 34, Pl. 15
9 Visco-Aloes decima tertia. *Talatalaroan* Indorum. Ray Vol. 3. App. p, 34, Pl. 18.
10 Visco-Aloes decima quarta. Ray Vol. 3, Pl. 20
11 Visco-Aloes Luzon. Camelli, No. 35
12 Visco-Aloes Spatifera. *Sangun May*. Luzon: Camelli. No. 36
13 Visco-Aloes unifolia, radice bulbosa, Camelli. No. 37.
14 Visco-Aloes folio carinulato mucronato, Camelli. No. 38
15 Visco Aloes folio lanceolato. Camelli. No. 39
16 Visco Aloes, *Pugapung* Indorum. Ray Vol. 3, App. p. 34, Pl. 21

TAB. CIV. Virginia *Shells and Plants.*

1 Cochlea umbilicata fusca sive variegata, capillaribus striis leviter exasperata. List. Hist. C. Tab. 70, 69
2 Cochlea terrestris subfusca striata clavicula modice producta, non umbilicata. List. Hist. Conchyl. tab. mut. 81, 82
3 Cochlea terrestris Virg. minor, striata et umbilicata ore tridentino. Act. Phil. No 246, p. 395. List. H. C. tab. 92, 92
4 Buccinum exiguum rufum quinque orbium. List. Hist. C. Tab. 22, 19
5 Pectunculus perpusillus, rostratus. List. H. C. Tab. 159. 15
6 Buccinum ex viridi subflavum, Trochocides limbo quodam acuto, in medio orbe circumscriptum. List. H. C. Tab. 111. 5
7 Buccinum ex viridi subflavum, Trochocides tribus fasciis atro purpureis distinctum; item, ni primo orbe medio limbus quidam acutus. List. H. C. Tab, 112, 6
8 Buccinum ex viridi subflavum, duabus tantum fasciis atro purpureis circumdatum, clavicula productiore. List. H. C. Tab. 113, 7
9 Asarum Cyclamini folio. Pluk. Phyt. Tab. 78, fig 2. *Spottea leav'd Virginia Asarabacca*. Mem. Cur. 1707, p. 227
10 Arum triphyllum Virg. fl. pallido, pistillo atro-rubente Morif. Hist. p. 3. Ray Vol. 3, p. 576. Pluk. Phyt. Tab. 77, Fig. 5.
11 Cucumis minima, fructu ovali, nigro, lævi. Sloan. Cat. Jam. Ray Vol. 3, p. 334. Pluk. Phyt. Tab. 85, Fig 5. *Small creeping Virginia Cucumber*. Mem. Cur. 1707, p. 231
12 Lychnidea Blattariæ accedens, Virg. minor repens, hirsutis Camphoratæ foliis fl. fistulosis in umbellam dispositis. Pluk. Phyt. Tab. 98, fig. 2. Ray Vol. 3, p. 490. *Small Savory leaved Virginia Stitchwort*. Mem. Cur. 1707, p. 227

13 Ornithogalo affinis Virg. florę purpureo pentapetaloide. Pluk. Phyt. Tab. 102, Fig. 3. Ray Vol. 3, p. 556. *Virginia purple Star of Bethlehem,* Mem. Cur. 1707, p. 228
14 Lychnidea umbellifera, Blattariæ accedens, Virgin. major repens, Pſeudomelanthii foliis piloſis, fl. albo pentapetaloide fiſtuloſo. Pluk. Phyt. T. 98, F. 1. Ray Vol. 3, p. 490, *Hairy Virginia Stitchwort.* Mem. Cur. 1707, p. 227
15 Fumaria ſiliquoſa, radice grumoſa, fl. bicorporeo, ad labia conjuncto, Virgin. Pluk. Phyt. T. 90, Fig. 3, Ray Vol. 3, p. 475, *Knobby rooted Virginia Fumitory with twin flowers.* Mem. Cur. 1707, p. 227
16 Pedicularis ſeu Criſtæ Galli affinis Virg. Ajugæ multifido folio, apicibus coccineo, fl. pallidis in ſpicam congeſtis. Pluk. Phyt. T. 102. f. 5. Ray Vol. 3, p. 400, *Jagged leaved Virginia Rattle.* Mem. Cur. 1707, p. 228
17 Oxys purpurea Virginiana. Pluk. Phyt. T. 102, f. 4. Ray Vol. 3, p. 548. *Purple Virginia Wood Sorrel, with a Lilly root,* Mem. Cur. 1707, p. 228
18 Muſcus rupeſtris repens Virg. Pluk. Phyt. T. 100, f. 2. Ray Vol. 3, p. 32. *Small Virginia Wolfs-claw.* Mem. Cur. 1707, p. 227
19 Fœnum græcum phaſeoloides Virg. fl. amplo cæruleo. Pluk. Phyt. T. 90, f. 1. Ray Vol. 3, p. 462. *Virginia kidney-bean with a large blue flower.* Mem. Cur. 1707, p. 227

TAB. CV. Virginia *Shells and Plants.*

1 Muſculus latior, ſubfuſcus cæruleis lineis radiatus. Liſt. H. C. Tab. 152, 7
2 Muſculus fuſcus, anguſtior, ex altera parte cuneatim protenſus. Liſt H. C. Tab. 151, 6
3 Oſtrea Virginiana. Liſt. H. C. Tab. 200, 35
4 Cochlea terreſtris Virg. media, umbilicata, ſtriata, ore unidente, Act. Phil. No 246, p. 395, Liſt. H. C. Tab. 91
5 Cochlea minor ſubrufa ore obliquo, Liſt. H. C. Tab. 93, 93
6 Cochlea minima ſubrufa ore obliquo, Liſt. H. C. Tab. 93, 94
7 Buccinum longum, tenuiter ſtriatum, ſecundum orbes, Liſt. H. C. Tab, 117, 12
8 Buccinum ex viridi ſubflavum tenuiore et longiore clavicula, Liſt. H C. Tab. 110, 4
9 Buccinum ex viridi ſubflavum, breviore clavicula, Liſt. H. C. Tab. 110, 3
10 Bucanophyllon elatius Virginianum, Pluk. Phyt. Tab. 102, f. 3, Ray Vol. 3, p. 247. *Long leaved Side-ſaddle Flowers.* Mem. Cur. 1707, p 229
11 Pyrolæ affinis repens Virginianus, Pluk. Phyt. Tab. 107, f. 1, Ray Vol. 3, p. 596. *Hoary leaved Virginia Mock Syringa.* Mem. Cur. 1707, p. 228
12 Ricinus parvus urens, foliis Quercinis, Virginianus, Pluk. Phyt. Tab. 107, f. 5, Ray Vol. 3, p. 112. *Oak-leaved Virginia Ricinus,* Mem. Cur. 1707, p. 229
13 Ariſtolochia Piſtolochia caule nodoſo, ſeu Serpentaria Virginiana, Pluk. Phyt. Tab. 148, f. 5, Ray Vol. 3, p. 394. *True Virginia Snake root,* Mem. Cur. 1707, p. 229
14 Fungus (ex ſtercore equino) capillaceus, capitulo rorido, nigro punctulo in ſummitate notato, Pluk. Phyt. Tab. 116, f. 7, Ray Vol. 3, p. 24, *Horſe-dung Muſhroom with dewy heads,* Mem. Cur. 1707, p. 229
15 Ranunculus nemoroſus, Fragariæ fol. Pluk. Phyt. Tab. 106, f. 3, *Strawberry leaved Virginia Crowfoot,* Mem. Cur. 1707, p. 228
16 Ranunculus nemoroſus, Aquilegiæ folio, Pluk. Phyt. Tab. 106, f. 4, Ray Vol. 3, p. 315, *Trifid Virginia Crowfoot,* Mem. Cur. 1707, p. 228
17 Phyllitis parva ſaxatilis Virg. per ſummitates foliorum radicoſa, Pluk. Phyt. Tab. 105, f. 3, Ray Vol. 3, p. 51, *Virginia Hartstongue with proliferous leaves,* Mem. Cur. 1707, p. 228
18 Naſturtium Burſæ Paſtoris fol. Virg. fl. albo, ſiliquâ compreſsâ, Pluk. Phyt. Tab. 101, f. 4, Ray Vol. 3, p. 413, *Podded Virginia Creſs, with Shepherd's Purſe leaves,* Mem. Cur. 1707, p. 227

TAB. CVI. Virginia *Plants and Shells.*

1 Fungus pulverulentus Virginianus, caudice corallino, topiario opere contorto, Pluk. Phyt, Tab. 184, f. 5, Ray Vol. 3, p. 20. *Carved Virginia Puff-ball,* Mem. Cur. 1707, p. 230
2 Fungus pulverulentus pyriformis, fundo ſpongioſo, Pluk. Phyt. Tab. 184, f. 8, Ray Vol. 3, p. 20, *Pear Puff-ball,* Mem. Cur. 1707, p 230
3 Fungus pulverulentus granulatus, Pluk. Phyt. Tab. 184, f. 7, Ray Vol. 3, p. 20, *Granulated Virginia Puff-ball,* Mem. Cur. 1707, p. 230
4 Fungus phalloides parvus, Pluk. Phyt. Tab. 184, f. 6, Ray Vol. 3, p. 25, *Dogs-prick Muſhroom,* Mem. Cur. 1707, p. 230
5 Fungus arboreus platyceros parvus. Pluk. Phyt. Tab 184, f. 4, Ray Vol 3, p. 22, *Small Hartſhorn Muſhroom,* Mem. Cur. 1707, p. 230
6 Hippuris exigua, fluviatilis, petræa, nuda, Pluk. Phyt. Tab. 193, f. 7, Ray Vol. 3. p. 104, *Small river ſtone Horſetail,* Mem. Cur. 1707, p. 230
7 Lychnis viſcoſa Virg. fl. amplo coccineo, ſeu Muſcipula Regia, Pluk. Phyt. Tab. 203, f. 1, Ray Vol. 3, p. 488, *Scarlet Virginia Catch-fly,* Mem. Cur. 1707, p. 231
8 Ciſtus flore et odore Periclymeni, Pluk Phyt. Tab. 161, f. 4. Ray Vol. 3, p. 492. *Woodbine flowered Virginia Ciſtus,* Mem. Cur. 1707, p. 229
9 Clinopodium anguſtifolium, non ramoſum, fl. cæruleo, labio trifido, atro-purpureis maculis notato, Pluk. Phyt. Tab. 164, f. 3, Ray Vol. 3, p. 299, *Virginia Bugle.*
10 Orobanche radice fibroſa, ſummo caule foliis ſubrotundis, Pluk. Phyt. Tab. 209, f. 6, Ray Vol. 3, p. 595, *Round Virginia Rape, with a ſtringy Root,* Mem. Cur. 1707, p. 231
11 Orobanche flore pentapetalo cernuo, Pluk. Phyt. Tab. 209, f. 7, Ray Vol. 3, p. 595. *Virginia Rape, with a ſcaly ſtalk.* Mem. Cur. 1707, p. 231
12 Sanicula alba folio oblong mucronato, Pluk. Phyt. Tab. 59, f. 1, id. Tab. 222, f. 5, Ray Vol. 3, p. 509. *White flowered Virginia Sengreen.* Mem. Cur. 1707. p. 231.
13 Lyſimachia non pappoſa, Tuberariæ foliis, hirſuta, fl. tetrapetalo rubello. Pluk. Phyt. Tab. 202. f. 8. Ray Vol. 3. p. 426. *Virginia Battle-Kin, with hairy leaves.* Mem. Cur. 1707. p. 230
14 Lyſimachia non pappoſa, fl. luteo majore, ſiliqua caryophylloide minore. Pluk. Phyt. Tab. 203. f. 2. *Yellow Virginia Battle-Kin.* Mem. Cur. 1707. p. 230.
15 Buccinum minimum fluviatile tenue pellucidum, ore repando. Liſt. H. C. Tab. 114. 8.
16 Cochlea neritodes, craſſiuſcula teſta. Liſt. H. C. Tab. 135. 35.
17 Cochlea trium orbium. Liſt H. C. Tab. 140. 46.
18 Cochlea Virg. e flavo virideſcens, non faſciata. Liſt. H. C. Tab. 127. 27.
19 Cochlea pulla minima compreſſa. Liſt. H. C. Tab. 139. 44.
20 Cochlea compreſſa minima. Liſt. H. C. Tab. 139. 45.

TAB. CVII. Virginia *Plants.*

1 Chryſanthemum villoſum, diſco luteo, quinis petalis ornato. Pluk. Phyt. Tab. 242. f. 3. Ray Vol. 3. p. 229. *Small Nettle leaved Virginia Sun-flower.* Mem. Cur. 1707. p. 231.
2 Chryſanthemum hirſutum, auriculato Dulcamaræ folio. Pluk. Phyt. Tab. 242. f. 4. Ray Vol. 3. p. 212. *Small Virginia Trefoil Sun flower.* Mem. Cur. 1707. p. 231.
3 Solanum triphyllon, tripetalo fl. atro-purpureo, in foliorum ſinu abſque pediculo ſeſſili. Pluk. Phyt. Tab. 111. f. 6. Ray Vol. 3. p. 351. *Trefoil Herb of Paris of Virginia.* Mem. Cur. 1707. p. 229.
4 Orobanche verna, radice dentata. Pluk. Phyt. Tab. 211. f. 2. Ray Vol. 3. p. 595. *Spring Virginia Ladies Traces.* Mem. Cur. 1707. p. 231
5 Orobanche autumnalis radice dentata. Pluk. Phyt. Tab. 211. f. 1. Ray Vol. 3. p. 595. *Autumn Virginia Ladies Traces.* Mem. Cur. 1707. p. 231.
6 Ephemerum Phalangoides, floſculis arbuteis bullatis aureis, in ſpicam diſpoſitis. Pluk. Phyt. Tab. 174. f. 5. Ray Vol. 3. p. 566. *Studded flowered Virginia Spiderwort.* Mem. Cur. 1707. p. 230.
7 Iris Virgin. pumila, ſeu Chamæiris verna anguſtifolia, flore purpuro-cæruleo, odorato. Pluk. Phyt. Tab. 196. f. 6. Ray Vol. 3. p. 562. *Virginia Dwarf Flower-de-luce.* Mem. Cur. 1707. p. 230
8 Fungus barbatus fœtidus. Pluk. Phyt. Tab. 184. f. 10. Ray Vol. 3. p. 23. *Stinking bearded Muſhroom.* Mem. Cur. 1707. p. 230.
9 Fungus campaniformis niger multa ſemina plana in ſe continens. Pluk. Phyt. Tab. 184. f. 9. Ray Vol. 1. p. 105. *Seminiferous Cup Muſhroom.* Mem. Cur. 1707. p. 230.
10 Viola tricolor, foliis multifidis, cauliculo aphyllo. Pluk. Phyt. 234. f. 3. id. 114. f. 7. Ray Vol. 3. p. 510. *Small jagged leaved Virginia Panſey.* Mem. Cur. 1707. p. 231.
11 Ciſtus ſemper-virens laurifolia, floribus eleganter bullatis. Pluck. Phyt. Tab. 161. f. 3. Ray Vol. 3. p. 492. *Studded flowered Virginia Ciſtus.* Mem. Cur. 1707. p. 229.

TAB.

TAB. CVIII. Virginia *Plants.*

1 Frutex Coralloides marinus. Pluk. Phyt. Tab. 244. f. 4. *Baniſter's Whale-bone Coral.*
2 Aphyllon aquaticum, Pluk. Phyt. Tab. 138, f. 1. *Baniſter's Naked Water-weed.*
3 Filix mas, vulgari ſimilis, pinnulis amplioribus, planis nec crenatis. Pluk. Phyt. Tab. 179. f. 2. Ray Vol. 3. p. 79.
4 Clematitis cucumerinis foliis. Pluk. Phyt. Tab. 163. f. 3. Ray Vol. 3. p. 327. *Virginia Twine Eupatorium.* Mem. Cur. 1707. p. 229.
5 Eupatorio affinis Americ. bulboſa, floribus ſquamoſis calyculis contectis. Pluk. Phyt. Tab. 177. f. 4. Ray Vol. 3. p. 187. et p. 203. pl. 32. *Broad leaved Virginia Knapweed, with a knobbed Root.* Mem. Cur. 1707, p. 230.
6 Jacea lutea Cichorii foliis minus laciniatis. Pluk. Phyt. Tab. 196. f. 1. Ray Vol. 3. p. 203.
7 Eryngium campeſtre Yuccæ foliis, ſpinis ad oras molliuſculis. Pluk. Phyt. Tab. 175. f. 4. Ray Vol 3. p. 239.
8 Lyſimachia corniculata maritima, ſinuatis et pubeſcentibus foliis. Pluk. Phyt. Tab. 203, f. 3. Ray Vol. 3. p. 246. *Hoary, Podded Virginia Willow-herb.* Mem Cur. 1707. p. 231.
9 Convolvulus monococcos. Pluk. Phyt. Tab. 166. f. 4. Ray Vol. 3. p. 372.
10 Gentiana major Virg. fl. cæruleo longiore. Pluk. Phyt. Tab. 186. f. 1. Ray Vol. 3. p. 369.
11 Hypericum Virg. fruteſcens piloſiſſimum. Pluk. Phyt. Tab. 245. f. 6. Ray Vol. 3. p. 495.
12 Sedum petræum teretifolium Virg. Pluk. Phyt. Tab 223. f. 2. Ray Vol. 3. p. 508. *Virginia Rock Sengreen, with long leaves.* Mem. Cur. 1707. p. 231
13 Ulmaria major trifolia, fl. amplo, pentapetalo Virg. Pluk. Phyt. Tab. 236. f. 5. Ray Vol. 3. p. 330. *Trifoliate Virginia Meadow-ſweet.* Mem. Cur. 1707. p. 232.
14 Viola cærulea maxima, cucumerinis foliis hirſutis, Virg. Pluk. Phyt. Tab. 234. f. 2. Ray Vol 3. p. 511. *Hairy pointed Violet.* Mem. Cur. 1707. p. 231.
15 Ariſarum triphyllum. Pluk. Phyt. Tab. 148. f. 6.
16 Ephemerum Phalangoides Virg. majus erectum. Pluk. Phyt. Tab. 174. f. 4. Ray Vol. 3. p. 566. *Upright Virginia Dililly.* Mem. Cur. 1707. p. 230.

TAB. CIX. Virginia *Trees.*

1 Abies minor, pectinatis foliis, Virg. conis parvis ſubrotundis. Pluk. Phyt. Tab. 121. f. 1. Ray Vol. 3. D. p. 8.
2, 3, 4 Acer maximum foliis trifidis et quinquifidis Virgin. Pluk. Phyt. Tab. 123. f. 4, 5. Ray Vol. 3. D. p. 93.
5, 6 Arbor Virginiana Piſhaminis, folio baccifera. Pluk. Phyt. Tab. 139. f. 3, 4. Ray Vol. 3, D. p. 121.
7 Carpinus Virginianus floreſcens. Pluk. Phyt. Tab. 156. f. 1. Ray vol 3. D. p. 13.
8 Caſtanea pumilis. *The Chinquapin-buſh.* Pluk. Phyt. Tab. 156. f. 2. Ray vol. 3. D. p. 7.
9 Cornus Americ. ſylv. Domeſticæ ſimilis, bacca cærulei coloris, elegantiſſima. Pluk Phyt. Tab. 169. f. 3. Ray vol. 3. D. p. 58.
10 Malus Perſica dilaceratis foliis & veluti circumroſis. Pluk. Phyt. Tab. 204. f. 1. Ray vol. 3. D. p. 39.
11 Prunus ſylveſtris Virginianus. Pluk. Phyt. Tab. 216. f. 7. Ray vol. 3. D. p. 43.
12 Saſſafras. *Anhuiba* Piſonis. Pluk. Phyt. Tab. 222. f. 6. Ray vol. 2. p. 1568, et p. 1618.
13 Arbor Zeylanica, Cotini foliis, ſubtus lanugine villoſis, floribus albis, Cuculi modo laciniatis. Pluk. Phyt. Tab. 241. f. 4. Ray vol. 3. D. p. 124.
14 Guiacana, Guiaco Patavino affinis. *Piſhamin.* Pluk. Phyt. Tab. 244. f. 5. Ray vol. 3. D. p. 50.
15 Tulipifera Lauri folio. Pluk. Phyt. Tab. 68. f. 4. Ray vol. 2. p. 1798.
16 Tulipifera conis erectis. Pluk. Phyt. Tab. 117. f. 5. et Tab. 248. f. 7. Ray vol. 6. p. 1798.
17 Vitis Vinifera. *White Fox grape.* Pluk. Phyt. Tab. 249. f. 1. Ray vol. 3. D. p. 68.

TAB. CX. Canada *Plants.*

1 Angelica baccifera. Ray Hiſt. Plant. p. 661. 7. Park. p. 950. 6. Cornut. p. 75. *Canada All-heal.*
2 Polygonatum Virginianum. Ray. p. 666. 8. Park. 697. 7. Corn. 34. *Spiked Solomon's-ſeal.*
3 Polygonatum Americanum racemoſum. Ray p. 666. 9 Park. 697. 8. Corn. 37. *Branched Solomon's-ſeal.*
4 Polygonatum racemoſum perfoliatum. Ray p. 666. 10 Park. 698. 10 Corn. 41. *Small yellow Solomon's-ſeal.*
5 Rubus odoratus. Ray vol. 2. p. 1641. 5. Corn. p. 150. *Canada Sweet Bramble.*
6 Herba Paris rotunda radice. Ray p. 670. 2. Park. p. 390. 3. Cornut. 167. *Trefoil True-love.*
7 Aquilegia pumila. Ray p. 707. 8. Park. 1367. 1 Cornut. 60. *Red Columbine.*
8 Eruca maxima. Ray p. 813. 15. Park. 816. 3. Corn. 15. *Great Rocket.*
9 Fumaria ſiliquoſa ſemper-virens. Ray p. 974. 2 Park. p. 989. 5. Cornut. p. 58. *Canada Ever-green Fumitory.*
10 Hedyſarum triphyllum. Ray p. 928. 4. Park. p. 1090. 10. Cornut. p. 45. *Canada Saw-pod.*
11 Terræ glandes. Ray p. 937. 8. Park. p. 1062. 6 Cornut. p. 201. *Canada Earth-nut.*
12 Calceolus Marianus. Ray p. 1232. 13. Park. p. 213. 3. Cornut. p. 225. *Canada Ladies ſlipper.*
13 Hedera trifolia. Ray p. 1699. Park. p. 679. 5. Cornut. p. 97. *Trefoil Poiſon-berry.*
14 Hedera quinquefolia. Ray p. 1699. 12. Park. p. 680. 6 Cornut. p. 100. *Virginia Creeper.*
15 Jaſminum hederaceum. Ray p. 1768. 1. Park. p. 385. 6. & p. 1679. Cornut. p. 103. *Canada Trumpet-flower.*
16 Trifolium Aſphaltium. Ray p. 955. 1. Park. p. 716. 3. Cornut. p. 131. *Canada Muſtard-kin.*

TAB. CXI. Canada *Plants.*

1 Adianthum fruticoſum. Ray p. 148. 2. Park. p. 1049. Cornut. p. 6. *Canada Maiden-hair.*
2 Filix baccifera. Ray p. 145. 10. Park. p. 1044. 5. Cornut. p. 4. *Canada Berry fern.*
3 Aſarum Canadenſe. Ray p. 208. 2. Park. p. 266. 2. Cornut. 25. *Canada Aſarabacca.*
4 Pimpinella Maxima. Ray p. 402. 4. Park. p. 583. 4. Cornut. p. 147. *White Canada Burnet.*
5 Aſter luteus alatus. Ray p. 336. 1. Cornut. p. 63. *Yellow winged Canada Marygold.*
6 Aſter Atticus latifolius autumnalis. Ray p. 269. 19. Park. p. 1676. 19 Cornut. p. 65. *Broad notcht Canada Star-wort.*
7 Aſter ramoſus annuus. Ray p. 270. 22 Park. p. 529. 4. Cornut. p. 191. *Great Canada Daiſie*
8 Chryſanthemum folio laciniato. Ray p. 339. 2. Park. p. 322. 10. Cornut. p. 179. *Canada Poiſon Marygold.*
9 Eupatorium cannabinum Enulæ folio. Ray p. 294. 2. Park. p. 595. 5. Cornut. p. 191. *Canada Hempdown.*
10 Cacalia Urticæ folio. Ray p. 292. 3. Cornut. p. 21. *White Canada Valerian.*
11 Solidago maxima. Ray p. 279. 8. Cornut. p. 169. *Canada Conſound.*
12 Cacalia folio magis diviſo. Cornuti p. 23.
13 Angelica lucida. Ray p. 435. 7. Park. p. 595. 5 Cornut. p. 197.
14 Angelica atro-purpurea. Ray p. 436. 7. Cornut. p. 199.
15 Cerefolium latifolium. Ray p. 430. 2. Cornut. p. 177.
16 Thalictrum Canadenſe. Ray p. 403. 3. Park. p. 265. 9. Cornut. p. 187.

TAB. CXII. American *Climers.*

1 Periploca maxima, ſiliqua ovalis glabra. Plum. p. 81. Tab. 95 *Milky Dogs-bane.*
2 Apocynum Nerii flore albo maritimum. Plum. p. 82. Tab. 96. Ray vol. 3. p. 545. *White Bignon Dogs-bane.*
3 Brionia racemoſa, foliis ficulneis. Plum. p. 83. Tab. 97. Ray vol. 3. p. 347. *Hop Bryony.*
4 Cucumis triphyllus, fructu variegato. Plum. p. 85. Tab. 99. Ray vol. 3. p. 333. *Trefoil Cucumber.*
5 Colocynthis flore albo fimbriato. Plum. p. 86. Tab. 100. Ray vol. 3. p. 332. *Bitter Fringe Gourd.*
6 Lupulus fructu hiſpido tricocco. Plum. p. 87. Tab. 101. Ray vol. 3. p. 104, & 107. *Climing Dalechamp.* Dalechampia ſcandens, Lupuli foliis, fr. hiſp. tricocco. Plum. Nov. Gen. Pl. Am. n. 9, 17. Tab 38
7 Convolvulus luteus polyanthos. Plum. p. 88. Tab. 102. Ray vol. 3. p. 379. *Yellow tufted Bind-weed.*
8 Convolvulus coccineus folio anguloſo. Plum. p. 89. Tab. 103. Ray vol. 3. p. 380. *Scarlet Hop Bind-weed.*

9 Con-

9 Convolvulus marinus catharticus, folio rotundo, fl. purpureo. Plum. p. 89. Tab. 104. Soldanella Brasilienſis. Ray vol. 1. p. 726, & vol. 3. p. 380. *American Soldanella.*

10 Convolvulus maritimus catharticus, Acetoſæ folio. Plum. p. 91. Tab. 105. Ray vol. 3. p. 380. *Long Soldanella.*

11 Phaſeolus ſiliquis latis hiſpidis & rugoſis, fructu nigro. Plum. p. 92. Tab. 107. Phaſeolus Braſilianus. Ray vol. 1. p. 888, & vol. 3. p. 444. Negro *Couhage Horſe-eye Bean.* Sloan. Cat. Jam. 68.

12 Phaſeolus flore amplo peltato; ſiliquis nigris anguloſis. Plum. p. 94. Tab. 108. Ray vol. 3 p. 440. *Welted Trejoles.*

TAB. CXIII. American *Plants.*

1 Clematitis folio bicorni. Plum. p. 68. Tab. 83. Sloan. Cat. Jam. p. 104. Ray vol. 3. p. 341. *Furrowed Maracoc.*

2 Clematitis folio hederaceo, fructu Olivæ formi. Plum. p. 70. Tab. 84. Cat. Jam. p. 104. Ray vol. 3. p. 339. *Olive Maracoc.*

3 Clematitis folio anguſto trifido, fructu Olivæ formi. Plum. p. 70. Tab. 85. Ray vol. 3. p. 339. *Trefoil Maracoc.*

4 Clematitis hirſuta fœtida. Plum. p. 71. Tab. 86. Sloan. Cat. Jam. p. 104. Ray vol. 1. p. 651. 7. *Stinking Maracoc.*

5 Clematitis flore puniceo, folio lunato. Plum. p. 72. Tab. 87. Ray vol. 3. p. 342. *Moon Maracoc.*

6 Clematitis flore minimo pallido. Plum. p. 74. Tab. 88. Sloan. Cat. Jam. p. 104, & 105. Ray vol. 3. p. 342. *Saſſafras Maracoc.*

7 Prioris altera ſpecies. Plum. p. 74. Tab. 89. *Egg Maracoc.*

8 Clematitis odoratiſſima polyanthes. Plum. p. 75. Tab. 90. Ray vol. 3. p. 343. Cluſter *Maracoc.*

9 Clematitis pentaphylla pediculis alatis, fructu racemoſa coccineo tricocco. *Cururu-apé.* Plum. p. 76. Tab. 91. Ray vol. 2. p. 1347. & vol. 3. p. 330. *Cinquefoil Cururu.*

10 Clematitis Aceris fructu, folio anguloſo. Plum. p. 77. Tab. 92. Ray vol 3. p. 328. *Hop Maple.*

11 Clematitis baccifera, folio umbilicato rotundo glabro et villoſo. *Caapeba.* Plum. p. 78. Tab. 93. Ray Vol. 2. p. 1331, et Vol. 3. p. 343. *Velvet-leaf.*

12 Clematitis quadrifolia, flore Digitalis luteo, claviculis aduncis. Plum. p. 80. Tab. 94. Ray Vol. 3. p. 541 Quater *Bignon.*

TAB. CXIV. American *Plants.*

1 Clematitis fructu Citriformi, folio majore oblongo. Plum. p. 64, Tab. 80. *Murucuia guacu Margrav.* Ray Vol. 1. p. 649, et Vol. 3. p. 341. *Citron Maracoc.*

2 Clematitis polyphylla major, fl. clavato, fructu Colocynthidis, Plum. p. 62, Tab. 79. Ray Vol. 3, p. 340, 14. *Palm Gourd Maracoc.*

3 Clematitis latifolia, flore clavato, fructu Maliformi, Plum. p. 67, Tab. 82. Ray Vol. 3, p. 340. *Apple Maracoc.*

4 Clematitis polyphyllos, flore criſpato, Plum. p. 66, Tab. 81, Ray Vol. 3, p. 341. *Palm, curled Maracoc.*

TAB. CXV. American *Plants.*

1 Saururus fruteſcens, Plantaginis folio, fructu breviori, Plum. p. 58, Tab. 76. Ray Vol. 3, p. 642.

2 Saururus botryitis arboreſcens, foliis Plantaginis, Plum. p. 57, Tab. 75, Ray Vol. 2, p. 1343. & Vol. 3, p. 643

3 Saururus hederaceus, cauliculis maculoſis, Plum. p. 50, Tab. 66, Ray Vol. 3, p. 642

4 Saururus humilis, folio ſubrotundo carnoſo, Plum. p. 53, Tab 70, Ray Vol. 3, p. 643

5 Saururus arboreſcens, foliis amplis cordatis, non umbilicatis, Plum. p. 55, Tab. 73, Ray Vol. 3, p. 643

6 Saururus humilis, folio carnoſo acuminato, Plum. p. 54, Tab. 71, Ray Vol. 3, p. 643

7 Saururus repens, folio lanceolato ad nodos villoſus, Plum. p. 60, Tab. 78, Ray Vol. 3, p. 644

8 Saururus arboreſcens, foliis amplis, rotundis & umbilicatis. Plum. p. 56, Tab. 74, Ray Vol. 3, p. 643, pl. 16

9 Saururus minor procumbens, fructu botryoide, folio craſſo cordato, Plum. p. 54, Tab. 72, Ray Vol. 3, p. 642

TAB. CXVI. American *Plants.*

1 Colocaſia hederacea, ſterilis, minor, folio cordato. Plum. p. 39, Tab. 51, lit. d, & Tab. 55, Ray Vol. 3, p. 582

2 Colocaſia hederacea latiſolia, Plum. p. 37, Tab. 51, lit. a, & Tab. 52, Ray Vol 3, p. 581

3 Arum hederaceum, folio triphyllo & aurito, Plum. p. 41, Tab. 51, e, & Tab. 58, Ray Vol. 3, p. 579

4 Arum hederaceum, foliis biſectis, rigidis & ſulcatis, Plum. p. 43, Tab. 51, f, & Tab. 59, Ray Vol. 3, p. 578

5 Arum arboreſcens, Sagittariæ foliis, Plum. p. 44, Tab. 51, g, & Tab 60, Ray Vol. 3, p. 577.

6 Arum cauleſcens, Cannæ Indicæ foliis, Plum. p. 45, Tab. 51, h, & Tab. 61, Ray Vol. 3. p. 577, 29

7 Arum foliis rigidis anguſtis & acuminatis. Plum. p. 47, Tab. 51, K, & 62. Ray Vol. 3, p. 578

8 Colocaſia hederacea laciniata, Plum. p. 38, Tab. 51, b, & Tab. 53, Ray Vol. 3, p. 582

9 Colocaſia hederacea anguſtifolia, Plum. p. 39, Tab. 51, c, & Tab. 54, Ray Vol. 3, p. 582

TAB. CXVII. American *Plants.*

1 Dracontium amplis foliis cordatis, radice nodoſa rubra. Plum. p. 48, Tab. 51. I. & Tab. 63. Ray Vol. 3, p. 585. *China or red Arum.*

2 Vide Tab. 116, fig. 8.

3 Vide Tab. 116, fig. 9.

4 Arum hederaceum folio amplo perforato. Plum. p 40, Tab. 56. Ray Vol 3, p. 578.

5 Vide Tab. 116, fig. 3.

6 Vide Tab. 116, fig. 4

7 Vide Tab. 116, fig. 5

8 Vide Tab. 116, fig 6

9 Vide Tab 116, fig. 7. *Perroquet, or Willow Edder.*

10 Dracontium hederaceum polyphyllum. Plum. p. 49, Tab. 65, Ray Vol. 3, p. 585 *Tree Dragon.*

11 Saururus repens folio orbiculari, Nummulariæ facie. Plum. p. 52, Tab. 69, Ray Vol. 3, p. 641. *Round Efts-tail.*

12 Saururus arboreſcens fructu adunco. Plum. p. 58, Tab. 77. Ray Vol. 3, p. 643

TAB. CXVIII. American *Plants and Shells.*

1 Saururus hederaceus triphyllus. Plum. p. 52, Tab. 68, Ray Vol. 3, p. 641. *Round Trefoil Efts-tail.*

2, 3, 4 Ariſtolochia longa ſcandens foliis Ferri equini effigie. Plum p. 91, Tab. 106. Ray Vol. 3, p. 395. *Forked Birthwort.*

5 Bryonia fructu alato foliis auriculatis. Plum. p 84, Tab. 98, Ray Vol. 3, p. 348. *Spoon Climer.*

6 Saururus hederaceus cauliculis maculoſis minor. Plum. p. 51. Tab. 67. Ray Vol. 3, p. 642

7 Vide Tab. 117, fig. 4

8 Vide Tab. 113, fig. 8

9 Vide Tab. 113, fig. 1

10 Vide Tab. 117, fig. 10

11 Buccinum tenuiſſime ſtriatum ipſo ore circinato, cui etiam limbus latus & ſtriatus. Liſt. H. C. Tab. 26, No. 24

12 Patella alba paucis & valde eminentibus ſtriis ſtellata. Liſt. H. C. Tab. 532, No. 11

13 Buccinum breviroſtrum parvum ſtriatum aſperum ex albo nigroque variegatum. Liſt. Tab. 953, No. 3

14 Tellina craſſa admodum leviter ſtriata intus violacea. Liſt. Tab. 376, No. 218

15 Buccinum dentatum læve tenue faſciis anguſtis ſubruſis depictum. Liſt. Tab. 844, No. 72

TAB. CXIX. American *Plants, &c.*

1 Matthiola fol. aſpero ſubrotundo fruct. nigricante. Plum. Nov. Gen. Plant. p. 16, Tab. 6

2 Dalechampia ſcandens Lupuli foliis fruct. hiſpido tricocco. id p. 17, Tab. 38.

3 Valdia Cardui folio, fruct. ſubcæruleo. id. p. 11, Tab. 24

4 Caraguata latifolia clavata. id. p. 10. Tab. 33

5 Renealmia ramoſiſſima florib. variegatis & circinatis. id. p. 37. Tab. 38.

6 Zanonia graminea perfoliata. id. p. 38, Tab. 38
7 Karatas foliis altiſſimis anguſtiſſimis & aculeatis, id. p. 10. Tab. 33
8 Bromelia pyramidata aculeis nigris. id. p. 46, Tab. 8
9 Maranta Arundinacea Cannacori folio. id. p. 16, Tab. 36
10 Tragia ſcandens longo Betonicæ folio. id. p. 14, Tab. 12
11 Camara trifolia purpuraſcente flore. id. p. 32, Tab. 2
12 Bihai ampliſſimis foliis, florum vaſculis coccineis, id. p. 50, Tab. 3, vid. Oviedo, l. 7, c. 9
13 Pluknetia ſcandens Hederæ foliis ſerratis, fruct. tetragono, id. p. 47, Tab. 13
14 Columea ſcandens phœniceo flore, fruct. albo, id. p. 28, Tab. 33
15 Bontia arboreſcens Thymeleæ facie, id. p. 32, Tab. 23.
16 Fuchſia triphylla, fl. coccineo, id. p. 14, Tab. 14
17 Lonicera fl. coccineo baccis nigris, id. p. 17, Tab. 37
18 Cameraria lata Myrti fol. id p. 18, Tab. 29
19 Tabernæmontana lacteſcens Citrii foliis undulatis, id. p. 18, Tab. 30
20 Gerardia humilis Bugulæ foliis Aſphodeli radice, id. p. 31, Tab. 12
21 Rondeletia arboreſcens Tini facie, id. p. 15, Tab. 12
22 Caſtorea repens ſpinoſa, id. p. 30, Tab. 17
23 Pitonia aculeata fr. glutinoſo & racemoſo, id. p. 7, Tab. 11
24 Beſleria Meliſſa Tragi facie, id. p. 29, Tab. 5
25 Arapabaca quadrifolia, fr. teſticulato, id. p. 11, Tab. 31, vid. Marg. l. 1, p. 34
26 Iſora Althææ foliis, fruct. breviori & craſſiori, id. p. 24, Tab. 37
27 Rauwolphia tetraphylla anguſtifolia, id. p. 19, Tab. 40
28 Cornutia fl. pyramidato cæruleo, foliis incanis, id. p. 32, Tab. 17
29 Barleria Solani folio, fl. coccineo, id. p. 31, Tab. 31

TAB. CXX. American *Plants, &c.*

1 Brunſelfia fl. albo, fruct. croceo, molli, Plum. Nov. Gen. Pl. p. 12, T. 22
2 Ruellia humilis, fl. cæruleo, Aſpodeli radice, id. p 12, tab. 2
3 Vanilla fl. viridi & albo, fructu nigreſcente, id. p. 25, tab. 28
4 Geſnera humilis, flore flaveſcente, id. p. 27, tab. 9
5 Pittonia arboreſcens, chamædrifolia, major, id. p. 5, tab. 3
6 Kodda-pail paluſtris fol. oblongo & ſpongioſo, ib p. 30, tab. 39, H. M. tom. 2, Tab. 32, p. 63
7 Mentzelia foliis & fructibus aſperis, id. p. 47, tab. 6
8 Lobelia fruteſcens, Portulacæ folio, id. p 21, tab. 31
9 Roioc humi-fuſum, fructu cupreſſino, id. p. 11, tab. 26
10 Cordia nucis Juglandis fol. flore purpureo, id. p. 13, tab. 14
11 Cortuſa arundinacea. amplis cannacori foliis, ib. p. 26, tab. 8
12 Turnera fruteſcens, Ulmi folio, id. p. 15, tab. 12
13 Ceiba viticis foliis, caudice aculeato, id, p. 42. tab. 32
14 Cuiete foliis oblongis & anguſtis fructu magno ovato, id. p. 23, tab, 16
15 Sapota fructu turbinato minore, id. p. 43, tab 4
16 Nhandiroba ſcandens foliis hederaceis anguloſis. id. p. 20, tab. 27
17 Bellonia fruteſcens, folio meliſſæ aſpero, id. p. 19, tab. 31
18 Raia ſcandens folio tamni. id. p. 33, tab. 29
19 Triumphetta fruct. echinato racemoſo, id. p. 40, tab. 8
20 Icaco fructu ex albo rubeſcente, id. p. 44, tab. 5
21 Guajacum flore cæruleo, fructu ſubrotundo, id. p. 39, tab. 17
22 Ereſia fol. Aquifolii longiſſimis, id. p. 8, tab. 25
23 Suriana foliis Portulacæ anguſtis, id. p. 37, tab. 40
24 Guazuma arbor Ulmifolia fructu ex purpureo-nigro, id. p. 36, tab. 18
95 Cupania caſtanea fol. fructu ſericeo & racemoſo. id. p. 45, tab. 19
26 Monbin arbor foliis fraxini, fructu luteo, racemoſo, id. p. 44, tab. 22
27 Coa ſcandens, fructu trigemino, ſubrotundo, id. p. 8. tab. 35
28 Jabotapita pyramidato flore luteo, fructu rubro, id. p. 42, tab. 32

TAB. CXXI. American *Plants, &c.*

1 Bucephalon fructu racemoſo rubro, id. p. 52, tab. 20
2 Bocconia racemoſa, Sphondilii folio tomentoſo, id. p. 35, tab. 25
3 Commelina Graminea latifolia flore cæruleo. id. p. 48, tab. 38
4 Guanabanus fructu aureo & molliter aculeato, id. p. 43, tab. 10
5 Rivina humilis, racemoſa, baccis puniceis, id. p. 48, tab. 39
6 Palma coccifera vaginis ventricoſis & liratis, id. p. 3, tab. 1
7 Ximenia aculeata flore villoſo, fructu luteo, id. p. 6, tab. 21
8 Dodonea, id. p. 20, tab 12
9 Mamei magno fructu, perſicæ ſapore, id. p. 44, tab. 4
10 Calaba fol. citri ſplendente, id. p. 39 tab. 18
11 Cururú ſcandens triphylla. id. p. 34, tab. 35, e Serjania affinis
12 Hypericoides fruteſcens erecta fl. luteo, id. p. 51, tab. 7
13 Oldenlandia humilis Hyſſopi folio, id. p. 42, tab. 36.
14 Petiveria Solani foliis loculis ſpinoſis, id. p. 50, tab. 39
15 Serjania ſcandens, polyphylla & racemoſa, id. p. 50, tab. 39
16 Mangles aquatica foliis ſubrotundis & punctatis, id. p. 13, tab. 15
17 Moriſonia arbor Nucis Juglandis foliis, id. p. 36, tab. 23
18 Van Rhedia, fol. ſubrotundo, fructu luteo, id. p. 45, tab 18
19 Perſea Cluſii 2, id. p. 44, tab. 20
20 Cluſia fl. albo, fructu coccineo, id. p. 21, tab. 10
21 Borbonia fructu oblongo nigro, calyce coccineo, id. p. 4, tab. 2
22 Hernandia amplo hederæ fol. umbilicato, id. p. 6, tab. 40
23 Muntingia fol. ſericeo molli fructu majori, id. p. 41, tab. 6
24 Caapeba fol. orbiculari, & umbilicato, lævi. id. p. 33, tab 29
25 Malphigia Mali-Punici facie id. p. 46, tab. 36
26 Dioſcorea ſcandens foliis Tamni. fructu racemoſo, id. p. 9, tab 26
27 Cainito fol. ſubtus aureo, fructu mali formi, id. p. 10, tab. 9

TAB. CXXII. American *Plants, &c.*

1 Saururus racemoſus, ſeu Botryites, major, id. p. 51, tab 12
2 Pliria fructu croceo, odorato, id. p. 9, tab. 11
3 Sloania amplis Caſtaneæ foliis fructu echinato, id. p. 49, tab. 15
4 Inga flore albo, fimbriato, fructu dulci. id. p. 13, tab. 19
5 Penæa arboreſcens Buxi folio aſpero. id. p. 22, tab. 25
6 Mancanilla Pyri facie. id. p. 50, tab. 30
7 Cæſalpina polyphylla, aculeis horrida. id. p. 28, tab. 9
8 Breynia Amygdali foliis latioribus. id. p. 40, tab. 16
9 Courbaril biſolia, flore pyramidato. id. p. 49, tab. 36
10 Arachidna quadrifolia villoſa, flore luteo. id p. 49, tab. 37
11 Parkinſonia aculeata foliis minutis, uni coſtæ adnexis. id. p. 25, tab. 3
12 Magnolia ampliſſimo fl. albo, fructu cæruleo. id. p. 38, tab. 7
13 Pereſkia aculeata fl. albo, fructu flaveſcente. id. p. 35, tab. 26
14 Alpina racemoſa alba Cannacori foliis. id. p. 26, tab. 11
15 Dorſtenia Sphondilii fol. Dentariæ radice. id. p. 29, tab. 8
16 Broſſæa fruteſcens fl. coccineo fructu nigro. id. p. 5, tab. 17
17 Marcgravia ſcandens fructu radiatim poſito. id. p. 7, tab. 29
18 Bonduc. vulgare majus polyphyllum. id. p. 25, tab. 39
19 Bauhinia aculeata fol. rotundo emarginato. id. p. 23, tab. 13
20 Muſa fructu Cucumerino breviori. id. p. 24, tab. 34
21 Guidonia Ulmifoliis flore niveo. id. p. 4, tab. 24
22 Tapia arborea, triphylla. id. p. 22, tab. 21. Piſo lib. 4, c. 17

TAB. CXXIII. Auſtrian *Plants, &c.*

1 Polygonatum latifolium ramoſum. Ray Vol 1, p. 665. Cluſ. lib. 2, p. 276
2 Polygonatum anguſtifolium ramoſum. Ray Vol. 1, p. 666 Cluſ. lib. 2, p. 277
3 Caryophyllus alpinus calyce oblongo hirſuto. Ray Vol. 2, p. 1003. Cluſ. lib. 3, p. 285
4 Auricula Urſi minima flore carneo & niveo. Ray Vol. 2, p. 1083. Cluſ. lib. 3, p. 305
5 Soldanella Alpina rotundifolia. C. B. 295. Cluſ. lib. 3, p. 308
6 Ranunculus alpinus humilis folio rotundo flore majore. Ray Vol. 1, p. 590. Cluſ. lib. 2. p. 234
7 Pulſatilla alba. Ray Vol. 1, p. 634. Cluſ. lib. 2, p. 245
8 Orobanche radice coralloide. Ray Vol. 2, p. 1229. Cluſ. lib. 5, p. 120
9 Sedum alpinum minimum folio cinereo flore candido. Ray Vol. 2 p. 1040. Cluſ. lib. 4, p. 61
10 Chamæiaſme alpina. Ray Vol. 2, p. 1085. Cluſ. lib. 4, p. 62
11 Paronychia Sediformis flore luteo. Ray Vol. 1, p. 789. Cluſ. lib. 4, p. 62
12 Gnaphalium alpinum pulchrum. Ray Vol. 1, p. 296. Cluſ. lib. 3, p. 238
13 Tuſſilago alpina glabra. Ray Vol. 1, p. 160. Cluſ. lib. 5, p. 113

14 Pyrola fruticans. Ray Vol 2, p. 1234. Cluſ. lib. 5, p. 117
15 Pyrola rotundifolia minor. C. B. 191. 2. Cluſ. lib. 5, p. 118
16 Lunaria botryites ramoſa Sileſiaca. Ray Vol. 1. p. 127. Cluſ. lib. 5, p. 119

TAB, CXXIV. Auſtrian *Plants, &c.*

1 Biſtorta minor. Ray Vol. 1. p. 187. Cluſ. lib. 4, p. 69
2 Caryophyllata montana purpurea. Ray Vol. 1, p. 607. Cluſ. lib. 5, p. 103
3 Caryophyllata montana flore pleno prolifero. Ray Vol. 1, p. 607. Cluſ. lib. p. 104
4 Caryophyllata alpina Chamædryos folio. Ray Vol. 1, p. 608. Cluſ. lib. 3, p. 351
5 Pinguicula Geſneri. Ray Vol. 1, p. 751. Cluſ. lib. 3, p. 310
6 Thlaſpi Globulariæ folio. Ray Vol. 1, p. 832. Cluſ. lib. 5, p. 131
7 Sedum pratenſe purpureum. Ray Vol. 1, p. 691. Cluſ. lib. 4, p. 59
8 Paralytica alpina major. Ray Vol. 2, p. 1084. Cluſ. lib. 3, p. 300
9 Pyrola folio ſerrato. Ray Vol. 2, p. 1233. Cluſ. lib. 5, p. 117
10 Helleborine flore rotundo. Ray vol. 2, p. 1232. Cluſ. lib. 2, p. 272
11 Ornithogalum luteum. Ray Vol. 2, p. 1153. Cluſ. lib. 2, p. 189
12 Erica bacciſera procumbens nigra. Ray Vol. 2, p. 1631. Cluſ. lib. 1, p. 45
13 Vitis Idæa magna, ſive Myrtillus grandis. Ray Vol. 2, p. 1487. Cluſ. lib. 1, p. 62
14 Chamæpericlymenum. Ray Vol. 1, p. 655. Cluſ. lib. 1, p. 60, Pan. 88
15 Chamæ rubus ſaxatilis. Ray Vol. 1, p. 654. Cluſ. lib. 1, p. 108
16 Chamæ morus Norwegicus. Ray Vol 1, p. 654. Cluſ. lib. 1. p. 118

TAB. CXXV. Verona *Plants, &c.*

1 Stoebe capitata Roſmarini folio. Ray Vol. 1, p. 323. Cluſ. p. 329
2 Clinopodium Creticum. Ray Vol. 1, p. 554. Cluſ. p. 343
3 Caryophyllata alpina minor. Ray Vol. 1, p. 608. Cluſ. p. 342
4 Clematis alpina cruciata. Ray Vol. 1, p. 622. Cluſ. p. 335
5 Trachelium majus petræum. Ray Vol. 1, p. 734. Cluſ. p. 333
6 Rapunculus alpinus corniculatus. Ray Vol. 1, p. 744. Cluſ. p. 336
7 Ranunculus præcox Rutæ folio. Ray Vol. 1, p. 596. Cluſ. p. 341
8 Thlaſpi petræum myagryodes. Ray Vol. 1, p. 822. Cluſ. p. 338
9 Teucrium ſextum Cluſii. Ray Vol. 1, p. 846. Cluſ. p. 336
10 Veronica ſaxatilis. Ray Vol. 1, p. 848. Cluſ. p. 337
11 Trifolium alpinum Rhæticum aſtragaloides. Ray Vol. 1, p. 956. Cluſ. p. 340
12 Ciſtus flore pallido maculato. Ray Vol. 2, p. 1012. Cluſ. p. 327
13 Geranium argenteum alpinum. Ray Vol. 2, p. 1061. Cluſ. p. 342
14 Lychnis alpina minima. Ray Vol. 2, p. 1004. Cluſ. p. 341
15 Sedum tridactylites Alpinum majus album. Ray Vol. 2, p. 1043. Cluſ. p. 337
16 Perfoliata alpina folio gramineo, ſive Bupleuron anguſtifolium alpinum. Ray Vol. 1, p. 473. Cluſ. p. 347

TAB. CXXVI.

1 Clematitis peregrina, foliis Pyri inciſis. C. B. Ray Vol. 1, p. 621. Cluſ. lib. 1, p. 123
2 Myrtociſtus Pennæi. C. B. Ray Vol. 2, p. 1011. Cluſ. lib. 1. p. 68
3 Gramen Spart. ſecundum, panicula brevi folliculo incluſa. C. B. Ray Vol. 2. p. 1259. Cluſ. lib. 6, p. 220
4 Arum latifolium alterum. C. B. Ray Vol. 2, p. 1211. Cluſ. lib. 4, p. 73
5 Hemionitis minus vulg. C. B. 354, 2. Ray Vol. 1, p. 135. Cluſ. lib. 6. p. 214
6 Chamæpitys adulterina. Ray Vol. 1, p. 574. Cluſ. lib. 6, p. 185
7 Phyſalus penicillis viridibus. Rond. p. 428. Rump. Amb. Tab. 10, f. 6
8 Lepas maxima ſtriata. Col. aq. p. 11, T. 12
9 Cochlea marina Janthina. Col. p. 23, t. 22. Liſt. Tab. 572, No. 24.
10 Echinus dentatus compreſſus Spatago affinis. Boccone. Recherches, p. 273
11 A. } Hiſtrix mar. ſpinis triquetris. Boccon. p. 314
   B. } Spina Ejuſdem
12 Vermis marinus, προροσκιπλέκτανος Column. aquat. p. 21, t. 22
13 Stella marina altera, ἀκτιανορια λη echinata, ſeu cometa marina. Column. aqu. p. 5, t. 6

TAB. CXXVII.

1 Marcaſita globularis racemoſa. Imper. Hiſt. p. 399.
2 Alumen capillare. Imper. Hiſt. p. 398
3 Echinus ſpatagus nudus. Imper. Hiſt. p. 685
4 Millepora. Imper. Hiſt. p. 624. fig. 628.
Corallio affinis planta marina. Chabrin. 574, 2. Bauh. pin. 367, 3.
5 Retipora. Imper Hiſt. p. 625, fig. 630. Ray Hiſt. p. 65, ch. 3, n. 1
6 Turbo decem tantum orbibus, &c. Bonan recreat. p. 116, tab. 24
7 Nautilus ſive Nauplius. Bonan p. 91, tab. 13
8 Stalactites in formam Lini. Imper. Hiſt. p. 604. fig 585
9 Cantharis faſciata. Imper. Hiſt. p. 681. fig. 692
10 Phalangium. Imper. Hiſt. p. 681, fig. 692
11 Turbo pentadactylus. Bon. recreat. p. 123. tab. 87
12 Lacerta calcidica. Imper. Hiſt. p. 691
13 Tellina Italica. Bonan recreat. p. 104, fig. 47

TAB. CXXVIII. *Orchides* Etruriæ.

1 Orchis anguſtifolia, lingua ferruginea
2 Orchis montana flore ferrugineo, lingua oblonga
3 Orchis lingua lata
4 Orchis lingua ferruginea piloſa
5 Poly-Orchis lingua albida
6 Poly-Orchis lingua rubro lutea
7 Orchis tragodes ligulis purpureis
8 Orchis flore Simiam referens
9 Orchis maritima flore hiante purpureo
10 Orchis maritima flore dilute rubente
11 Orchis maritima flore candido
12 Orchis paluſtris ſpica longa roſea

TAB. CXXIX. *Res Naturales* Etruriæ.

1 Ovum Raiæ Piſcis
2 Inſectum perexiguum apterum
3 Eruca Fungorum Spinoſiſſima
4 Fungus ſtipite cavo volva reflexa
5 Fungus gracilis Allium redolens
6 Funguli graciles lamellati pediculis fiſtuloſis
7 Fungi lamellati viſcidi nivei
8 Fungus gelatinoſus
9 Fungus pernicioſus capitulo nigricante barbato
10 Boletus phalloides
11 Fungoides infundibuliformis
12 Lichen terreſtris nigricans compreſſum repens
13 Muſcus Polygoni folio. *Tournefort* 326
14 Muſcus Nummulariæ folio
15 Lamium Ilvenſe
16 Poly-Orchis macrophylla lingua oblonga quinque bulbis prædita.
17 Orchis anthropophora Ilvenſis flore rubente folio maculoſo.
18 Orchis anthropophora flore albo
19 Orchis palmata flore viridi. C. B. Pin. 86
20 Pſeudo Orchis alpina flore herbaceo
21 Ariſarum flore in tenuem caudam abeunte

TAB. CXXX. *Animalia* Etruriæ.

1 Sorex griſeus vulgaris
2 Mus araneus
3 Echinus minor ſpinulis fuſcis
4 Stella marina
5 Vipera aquatica nigris punctis & abdomine flaveſcente

6 Lumbricus terreſtris
7 Sanguiſuga
8 Centipes ex flavo rubeſcens
9 Centipes minor fuſcus
10 Centipes major ſubfuſcus

TAB. CXXXI. *Animalia* Etruriæ.

1 Rana minor ſubviridis digitis flavis
2 Rana major viridis punctis & maculis nigris
3 Lacerta viridis abdomine flavo
4 Lacerta minor e nigro fuſca punctis albidis
5 Seps, Lacerta Chalcidica vel Chalcides. Colum. Aq. p. 35, tab. 36
6 Scorpio vulgaris Italicus
7 Araneus chelis ſcorpionis ſimilibus

TAB. CXXXII. *Phalænæ* Etruriæ.

1 Phalæna maxima variegata & oculata. Phalæna maxima 2da. *Mouffet*
2 Phalæna major fuſca oculis & undulis nigris
3 Phalæna major alis ſuperioribns nigris ſtriis flaveſcentibus, alis inferioribus puniceis, maculis nigris
4 Papilio major maculis ex flavo rubeſcens & flavis notatus.
5 Phalæna major ſubfuſca maculis albidis
6 Phalæna puſilla ſubfuſca marginibus ex luteo fuſcis
7 Phalæna puſilla albida, ſtriis incarnatis
8 Phalæna minor nivea punctis nigris
9 Phalæna puſilla albida alarum ſuperiorum exteriori parte incarnato
10 Phalæna puſilla alis ſuperioribus punctis nigris & flavis undulatis
11 Phalæna puſilla prioris, alarum inferiorum pictura
12 Phalæna puſilla albida tribus punctis nigris notata
13 Phalæna puſilla albida marginibus nigro puncto notatis
14 Phalæna puſilla coccinea alis & abdomine punctis nigris notatis
15 Phalæna puſilla priori ſimilis, alis inferioribus faſciis nigris notatis
16 Phalæna puſilla flaveſcens quatuor punctis & marginibus nigris
17 Phalæna minor albeſcens faſciis cinereis
18 Phalæna minor candida lineis circularibus flavis
19 Phalæna minor flaveſcens marginibus incarnatis
20 Phalæna puſilla candida lineis & marginibus incarnatis
21 Phalæna puſilla maculis albis & punctis nigris notata
22 Phalæna puſilla cœruleſcens marginibus nigris
23 Phalæna minor ſtraminea marginibus nigris
24 Phalæna minor flaveſcens maculis fuſcis triangularibus
25 Phalæna puſilla albida quatuor ſtriis ſubfuſcis notata

TAB. CXXXIII. *Papiliones* Etruriæ.

1 Papilio maxima nigra,, alis utriſque, tam exterioribus quam interioribus, limbo lato albo cinctis, Ray Inſect. p. 135, 136
2 Papilio alis ampliſſimis, flavicante & nigro coloribus pulcherrime variegatis, interioribus caudatis, Ray Inſect. p. 110, No. 1

Papilio minor:
3 dilute cœruleus marginibus fuſcis
4 alis albis nubeculis nigris
5 ex albido cinereus, quatuor punctis nigris notatus
6 caſtaneus quatuor punctis croceis notatus
7 ex albo croceus oculis dilute cœruleis
8 maculis albis rubris & croceis variegatus
9 e nigro fuſcus
10 alis internis maculis albis & punctis nigris notatus
11 fuſcus punctis albis

12 Papilio puſillus ochroleucus marginibus nigris

Phalæna:
13 minor cauda bifurcata undis nigris
14 puſilla flava cauda piloſa
15 puſilla cœrulea oculis rubris
16 minor ex flavo fuſcus
17 minor nigra punctis albis & annulo luteo notata
18 puſilla præcedenti ſimilis duobus annulis luteis notata
19 puſilla nigra punctis albis notata
20 minor nigra punctis rotundis albis & annulo rubro notata

TAB. CXXXIV. *Inſecta* Amboinæ.

Papilio:
1 Amboin. major e croceo fulvoque mixta
2 Amb. major croceus margin. nigric. agris albis
3 Amb. major e nigro & albo variegatus
4 luteus medius apicibus nigris
5 albus medius margine lata fuſca
6 luteus medius marginibus nigris

Cicada:
7 Amboin. media alis inferioribus luteo nigroq; ſtriatus
8 Amboin. vulgaris facie alis longioribus

TAB. CXXXV.

1 Phalæna maxima, faſcia in mediis alis exterioribus lata, cum ocello incluſo
2 3 Papilio medius oculis multis in omnibus alis donatus
4 5 Phalæna media alis exterioribus ſuperne punctulatis faſciis fuſcis, ſingulis alis ſubtus immaculatis
6 7 Phalæna maxima maculis rotundis in alis exterioribus
8 9 Phalæna maxima alis ſuperne faſciatis ſubtus rivulatis
10 11 Phalæna major maculis numeroſis inſignita, nonnullis majoribus ſinuatis
12 13 Phalæna minor alis exterioribus antice & poſtice nigricantibus
14 Buceros maximus niger ſplendidus ſcapulis elongatis, cornubus deorſum arcuatis, roſtro vero ſurſum arcuato
15 Scarabæus major oblongus totus vermiculatus
16 Curculio maximus niger, elytris ſeriebus pluribus punctorum notatis

TAB. CXXXVI.

1 2 Papilio maximus e fuſco-fulvus, ſubtus oculatus *(affinis Mer. Surin t. 32)*
3 4 Papilio medius ſuperne alis ſuperioribus fuſcis, inferioribus obſcure purpuraſcentibus & pluribus punctis albis refertis, inferne ambabus alis fuſcis linea albida tranſverſa inſignitis
5 6 Papilio parvus alis ſuperne juxta corpus ſplendide cœruleis, verſus extremitates fuſcis, inferne cinereo-albis radiis tranſverſis fuſcis parallelis inſignitis
7 8 Papilio minor alis bicaudatis
9 10 15 16 Papilio parvus albus, alis ſuperne ad extremitates fuſcis & in medio puncto nigro notatis, inferne ſtriis fuſcis ornatis & faſcia crocea ad margines circumdatis
11 12 Papilio medius alis inferioribus poſtice attenuatis, ſingulis inferne oculo unico inſignitis
13 14 Papilio medius oblongus alis utrinque fuſcis, pluribus punctis ex viridi-cœruleis notatis, & faſcia lata crocea inſignitis

TAB. CXXXVII. *Papiliones* Americanæ.

1 2 Papilio major fuſcus alis ſuperioribus utrinq; faſcia lata tranſverſa coccinea & linea palleſcente ad marginem inferiorem donatis, interioribus maculis coccineis prona parte notatis
3 4 Papilio major fuſcus alis ſuperioribus latis maculis coccineis ſuperne notatis inferne pallidioribus
5 6 Papilio oblongus medius alis exterioribus maculis inſignitis, alis interioribus non maculatis
7 8 Papilio oblongus niger alis ſuperioribus linea ex viridi-cœrulea, inferioribus quaternis maculis coccineis notatis
9 10 Papilio major alis omnibus maculatis, interioribus margine crenatis exterioribus integris
11 12 Papilio minor fuſcus, alis exterioribus ſingulis duabus latis maculis luteis inſignitis, interioribus ad exortum cœruleis maculis albis aliquot ad marginem donatis

TAB. CXXXVIII.

1 Scarabæus Fullo Plinii. Ray Hiſt. Inſ. 93
2 Scarabæus major oblongus levis, cornu rudimentum ſuper naſum gerens
3 Hydrocantharis. Mouff. Theatr. Inſ. p. 164
4 Scarabæus Buceros dictus totus niger, brevis ſplendens minor, elytris ſulcatis.

5 Sca-

5 Scarabæus pilularius medius niger.
6 Scarabæus platyceros minor totus ex aureo ſplendente vireſcens capite & dedibus nigris.
7 Scarabæus minor viridis alarum vaginis ſtriatis.
8 Capricornus ſulphureus, undulis nigris variegatus.
9 Scarabæus niger maculis latis luteis notatus.
10 Scarabæus Saltatrix medius capite nigricante, alarum vaginis rubris
11 Capricornus minor oblongus, elytris plumbei coloris, corpore fulvo.
12 Scarabæus capricornus dictus minor niger, pedibus cuprei coloris, elytris plurimis faſciis undatis albis notatis.
13 Scarabæus minor oblongus elytris faſciis duabus nigris inſignitis.
14 Scarabæus capricornus dictus minor ex cinereo & fuſco variegatus.
15 Scarabæus teſtudinis forma rufus, punctis nigris donatus.
16 Cimex rotundiuſculus rubro nigroq; ſtriatus.
17 Scarabæolus totus niger lævis, duobus cornubus brevibus donatus.
18 Scarabæus ſcapulis clypeiformibus, ſubfuſcus, macula cinerea ad utrumque latus & ad roſtrum, inſignitus.
19 Curculio niger corpore longo.
20 Bombylius corpore longiſſimo, cornubus quaſi Scarabæi donatus.
21
22 Bombylius niger, humeris luteis, aliis atro-purpureis.
23 Muſca Veſpæ formis maxima nigra quadripennis alis cæruleis corpore annulis luteis cincto.
24 Muſca Veſpæ formis.
25 Libella alis fuſcis maculis ſulphureis notatis.
26 A Papilio minor
29 B, 30 C } Phalænæ.

T A B. XXXCIX.

1 Scarabæus thoracis medio tuberoſo, cornubus lateralibus divaricatis, Capitis cornu recurvatum ſupra ad baſin proceſſu villoſo aucta, apice bifidum. Olear Tab. xvii. f. 2.
2 Scarabæus thorace bicorni toroſo; Capitis cornu recurvato apice bifurco.
3 Buceros maximus ſcapulis tribus cornubus armatis.
4 Scarabæus maximus cornubus prælongis anguſtis, inferiore ſerrato.
5 Scarabæus, thoracis cornu recto apice bifido, capitis cornu recurvo bifurcato.
6 Buceros maximus niger ſplendens.
7 Scarabæus ingens naſicornis, cornubus dentatis elytris cinereis.
8 Scarabæus maximus naſicornis, ſcapulis antice productis bifurcatis.

T A B. CXL. Surinam *Inſects.*

1 Blatta, Merian. Tab. 1. *The American Cock-roach, or Kakkerlaca.* Mem. Cur. 1709. p. 10.
2 Papilio, Merian. Tab. 2. *The Graſs Butterfly.* Mem. Cur. 1708. p. 290.
3 4 Eruca & Chryſalis ejuſdem.
5 Papilio, Merian. Tab. 4. *The Broad-winged Caſſada Butterfly.* Mem. Cur. 1708. p. 327.
6 7 Eruca & Chryſalis ejuſdem.
8 Phalæna, Merian. Tab. 3. *The Great Sop Hawk-Moth.* Mem. Cur. 1708. p. 330. Vid. Eruca & Chryſalis ejuſdem. Tab. xi. f. 4 & 5.
9 Exuviæ Erucæ. Merian. Tab. 3.
10 Phalæna. Merian. Tab. 6. *Dun Surinam Eyed Moth.* Mem. Cur. 1708. p. 332.
11 12 Eruca & Chryſalis ejuſdem.
13 Phalæna. Merian. Tab. 6. *Marble Surinam Eyed Moth.* Mem. Cur. 1708. p. 332.
14 15 Eruca & Chryſalis ejuſdem.
16 Veſpa. Merian. Tab. 1. *The Buff-Waſp.* Mem. Cur. 1709. p. 8
17 Scarabæolus. Merian. Tab. 2. *Black Lady-cow, with a red back.* Mem. Cur. 1709. p. 10.
18 Eruca, &c. ejuſdem.
19 Cicada. Merian. Tab. 5
20 Ova Serpentis. Merian. Tab. 5. vid. Tab. 12. f. 8.
21 22 Chryſalis & Exuvia. Merian. Tab. 5. Mem. Cur. 1708. p. 328.

T A B, CXLI.

1 2 Eruca & Chryſalis. Merian. Tab. 7. Mem. Cur. 1708. p. 292. No. 21. vid Papilio, Tab. 150. f. 3.
3 4 Eruca & Chryſalis. Merian. Tab. 8. Mem. Cur. 1708, p. 290. No. 14.
5 6 Eruca & Chryſalis. Merian. Tab 9. Mem. Cur. 1708. p. 292. No. 20.
7 Papilio. Merian Tab. 10. *Small Silver-ſpotted Surinam Cotton Page.* Mem. Cur. 1708. p. 293.
8 9 Eruca & Chryſalis ejuſdem.
10 Phalæna. Merian. Tab. 10. *White Spotted Surinam Cotton Moth.* Mem. Cur. 1708. p. 333.
11 12 Eruca & Chryſalis ejuſdem.
13 Phalæna. Merian. Tab 11. *The female or greater Hedge-Coral Hawk-Moth.* Mem. Cur. 1708, p. 328.
14 Eruca flaveſcens annulis nigris notata, & ſpiculis nigris ſex
15 armata
16 Eruca nigris guttulis & ſpiculis.
17 Eruca ſine ſpiculis; id eſt in ultimo ſtatu ante transformationem ejus in Phalænam.
18 Exuvia & Chryſalis ejuſdem.
19
20 Phalæna. Merian. Tab. 12. *The Oculated Banana Moth.* Mem. Cur. 1708, p. 332.
21 22 Eruca & Chryſalis ejuſdem.

T A B. CXLII.

1 Phalæna. Merion. Tab. xi. *The Male or leſſer Hedge-Coral Hawk Moth.* Mem. Cur. 1708, p. 328.
2 Phalæna. Merian. Tab. xv. *Reddiſh Water-Melon Silk-Moth.* Mem. Cur 1708, p. 334.
3 4 Eruca & Chryſalis ejuſdem.
5 Phalæna. Merian. Tab. xiv. *The White Surinam Silk-Moth.* Mem. Cur. 1708, p. 333.
6 7 Eruca & Chryſalis ejusdem.
8 Phalæna. Merian. Tab. xvi. *Narrow Tawny Silk-Moth.* Mem. Cur. 1709, p. 5.
9 Eruca ejuſdem.
10 Phalæna. Merian. Tab. xiv. *The Sower-Sop Hawk-Moth.* Mem. Cur. 1708, p. 331.
11 12 Eruca & Chryſalides ejuſdem.
13 Papilio. Merian. Tab. xiii. *Blue Surinam Hair-ſtreak.* Mem. Cur. 1708, p. 290.
14 15 Chryſalides ejuſdem.
16 Papilio. Merian. Tab. xvi. *The Pale Caſhew Eye.* Mem. Cur. 1708, p 289.
17 18 Eruca & Chryſalis ejuſdem.
19 Formicæ alatæ. Merian. Tab. xviii. *The Flying Ant.* Mem. Cur. 1709, p. 8.
20 Formica. Merian. Tab. xviii. *The Naked Ant.* Mem. Cur. 1709, p. 8.
21 Araneus. Merian. Tab. xviii. *The buff prickled-haired Surinam Spider.* Mem. Cur. 1709, p. 12.
22 Araneus. Merian. Tab. xviii. *The Silver-backed Surinam Spider.* Mem. Cur. 1709, p. 12.

T A B. CXLIII.

1 Papilio. Merian. Tab. xxiii. *Buff Atlas.* Mem. Cur. 1708, p. 292.
2 3 Eruca & Chryſalis ejuſdem.
4 5 Eruca & Chryſalis ex qua Papilio. Merian. Tab. xix. Mem. Cur. 1708, p. 294. No. 29.
6 7 Eruca & Chryſalis ex qua Phalæna. Merian. Tab. xxii. Mem. Cur. 1708, p. 332. No 22.
8 Phalæna. Merian. Tab. xxi. *Small Tricolor Marbled Silk-Moth.* Mem. Cur. 1709, p. 6.
9, 10, 11, Eruca, Chryſalis, &c. ejuſdem.
12 13 Eruca Cimicis. Merian. Tab. xxi. Vid. Tab. 150, f. 8.
14 Muſca. Merian. Tab. 22. *The Graſs Bee-fly.* Mem. Cur. 1709, p. 7.
15 16 Eruca & Chryſalis ejuſdem.
17 18 Capricornus. Merian. Tab. 24. The *Greater and leſſer reddiſh Surinam Goat-chaffer.* Mem. Cur. 1709, p. 10
19 Eruca ejuſdem.
20 Eruca ex qua Capricornus. Merian. Tab. 24. p. Vid. Tab. xi, f. 10.
21 Lacerta. Merian. Tab. iv. *The ſauvegard.* Mem. Cur. 1708, p. 287.
22 Muſca, &c. Merian. Tab. xix.

TAB. CXLIV.

1 Papilio. Merian. Tab. xxxii. *The Brown, Grail'd, Surinam Admiral.* Mem. Cur. 1708, p. 291.
2 3 Eruca & Chryſalis ejuſdem.
4 5 Papilio. Merian. Tab. 30. *The tricolor Longale.* Mem. Cur. 1708. p. 302.
25 Eruca ejuſdem.
21 Papilio. Merian. Tab. 29. *The green, ſtreak'd Jamaica Page.* Mem. Cur. 1708, p. 293.
22 23 Eruca & Chryſalis ejuſdem.
24 Papilio. Merian. Tab. 31. *The Roſe Carol.*
25 26 Eruca & Chryſalis ejuſdem.
7 Papilio. Merian. Tab. 25. *Vanilla Butterfly.* Mem. Cur. 1708. p. 327.
27 9 Eruca & Chryſalis ejuſdem.
27 Phalæna. Merian. Tab. 30. *The Oyl Tree Moth.* Mem. Cur. 1708. p. 333.
6 Eruca ejuſdem.
10 Phalæna. Merian. Tab. 26. *Small, pied Cacao Moth.* Mem. Cur. 1708, p. 334.
12 13 Eruca, Chryſalis, &c. ejuſdem.
18 Phalæna. Merian. Tab. 28. *Small, Reddiſh pied Silk Moth.* Mem. Cur. 1708, p. 334.
19 20 Eruca & Chryſalis ejuſdem.
14 Phalæna. Merian. Tab. 27. *Small oculated Eave Moth.* Mem Cur. 1708, p. 334.
15 16 Eruca & Chryſalis ejuſdem.
28 Phalæna. Merian. Tab 25. *The Pigmy Ocra Fly.* Mem. Cur. 1709. p. 6.
29 30 Eruca & Chryſalis ejuſdem.

TAB. CXLV.

1 Phalæna. Merian. Tab. 33. *The greater marbled Fig Hawk-Moth.* Mem Cur. 1708. p. 329. An Mas?
2 Phalæna. Merian. Tab. 33. *The leſſer brown Fig Hawk Moth.* Mem. Cur. 1708. p. 329. An *Fœmina.*
A Eruca ejuſdem.
B C Eruca & Chryſalis ex qua Phalæna. Merian. Tab. 34. Mem. Cur. 1708. p. 331.
3 Papilio. Merian. Tab. 35. *The brown Surinam Admiral.* Mem. Cur. 1708. p. 291.
D E Eruca & Chryſalis ejuſdem.
4 Papilio. Merian. Tab. 35. *Small, tranſparent Longale.* Mem. Cur. 1 08. p. 294.
F G Eruca & Chryſalis ejuſdem.
5 Papilio. Merian. Tab. 36. *Dark Surinam Admiral.* Mem. Cur. 1708. p. 291.
H I Eruca & Chryſalis ejuſdem.
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CATALOGUS CLASSICUS & TOPICUS,

Omnium Rerum *Figuratarum* in V. Decadibus,

Seu PRIMO VOLUMINE

GAZOPHYLACII NATURÆ & ARTIS;

Singulis ad proprias *Tabulas* & *Numeros* relatis.

A JACOBO PETIVER, Pharmacop. LONDIN. & Regiæ Societat. Socio.

Animalia, Vegitabilia, Fossilia, &c. Anglicana.

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146 Papilio *Alpinus*, ex albo nigroq; variegat. &c. 23. 8. C. 148.
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421 . *Chin.* &c. fl. Roſaceo ſimplici 33. 4. C. 425
422 Tavacare *Malab.* fl. albo &c. 16. 4. C. 421
423 . *Madr.* minor, cort. tenuiſſimo 16. 5. C. 422
424 *Macer.* veterum 20. 5. C. 407. *Ray* H. P. 1779 c. 1
425 Lapis *Chin.* Mayz referens 30. 8. C. 429

Africæ *Animalia, Vegitabilia, &c.*

430 *Mus* Araneus *Capenſis* maximus 23, 9. C. 430
431 Grus *Capens.* caudâ criſtatâ 12. 12. C. 431
432 Coccothrauſtus *Cap.* ruber, roſtro hiante 10. 7. C. 432
433 Tomineo *Cap.* major, capite luteo 7. 9 C. 433
434 Anguis *Cap.* argenteus maculatus 16. 12. C. 434
435 . *Cap.* tricolor 10. 3. C. 435
436 Papilio *Cap.* flavelcens verſicolor &c. 9 xi. C. 436
437 Cicada *Cap.* variegata, margin. tranſparentibus 4. 1. C. 437
438 Locuſta *Cap.* alis inferioribus luteis 3. 6. C. 438
439 Proſcarabeoides *Cap.* ſingularis, pedib. plumoſis 12. 1. C. 439
440 Araneoides *Cap.* faſciata luteſcens &c. 12. xi. C. 440
441 Locuſta-Talpa *Cap.* pedibus longis 13. 7. C. 441
442 *Capricornus* niger *Cap.* ſulcatus, 6 maculis &c. 24. xi. C. 443
443 . id. immaculatus. 444
445 Scarabeus *Cap.* piloſus, vaginis rubris &c. 8. 6. C. 442
446 Scolopendra *Cap.* major luteſcens, caudâ longiore 13. 3. C. 446
447 *Hippuris* Coralloides carnea *Capenſis* &c. 3. 10. C. 447
448 *Alga* verrucoſa *Capenſis* 9. 14. C. 448
449 Fungus *Cap.* ſubtùs porolus 4. xi. C. 449
450 Gnaphalium *Cap.* ſpicatum, Alyſſi fol. 7. 1. C. 450
451 Filago *Cap.* minor ſpicata 8. 12. C. 451
452 Argyrocome *Cap.* Thymi foliis 7. 3. C. 452. M. P. 144
453 . . fol. incanis lobatis 30. 12. C. 5. 453
454 *Xeranthemum* ſpecioſum *Cap.* fl. albo maximo 1. 9. C. 454
455 . *Cap.* Tarton raire folio 8. 10. C. 455
456 Jacea *Cap.* Gnaphalii folio 6. xi. C. 457
457 . . fol. parvo hirto &c. 25. 6. C. 456
458 Conophoros *Cap.* Pini fol. 25. 7. C. 462
459 . . fol. parvis obtuſis 6. 4. C. 461. M. P. 604
460 Ageratum *Cap.* Crithmi fol. &c. 34. 1. C. 458
461 Abrotanoides *Cap.* Ericæ fol. 5. 2. C. 465
462 Breyniana *Cap.* Cineroides 3. 9. C. 466
463 . . capitulis albis plumoſis 5. 4. C. 464
464 Eupatoroides *Cap.* capitatus 8. 1. C. 463
465 Lervisanus *Cap.* Serpilli fol. 5. 7. C. 470

466 Hermannia *Cap* Altheæ fol. 34. 2. C. 459
467 *Geniſta* tinctoria *Cap.* purpurea &c. 5. xi. C. 460
468 Evonymus *Cap.* ſpinoſa 26. 2. C. 471
469 Erica *Cap.* Coridis fol. fl. rubello 3. 7 C. 467
470 . . carnea, foliis & floribus villoſis 2. 10. C. 469. M. P. 637
471 . . floribus albidis, ſtaminibus rubris 2. 9. C. 468. M. P. 636
472 Lacertus *Guineenſis* major, verruculis nigris 15. 6 C. 472
473 Papilio *Guin.* nigreſcens, lituris alb. aſperſ. 3. 4. C. 473
474 . *Angol.* ex pullo alboque mixtus 9. 5. C. 474
475 . . margine pulchrè oculata 6. 9. C. 475
476 . . albus, apicibus miniaceis 9. 10. C. 476
477 . è fuſco & albo eleganter mixto è Pr. Triculſp. 12. 10. C. 477
478 Phalena *Guin.* flava perelegans &c. 29. 3. C. 478
479 . . alis è nigro aureis, corp. eleg. zonato 33. 7. C. 479
480 Muſca *Afric.* flaveſcens, cauda triſeta &c. 2. 4 C. 480
481 Libella *Turcica* major, alis Locuſtæ 3. 1. C. 481
482 Scarabeus *Alepens.* parvus villoſus, vaginis &c. 2. 12. C. 482
483 . . piloſus viridis, lineis albic. punctatis 13. 5. C. 483
484 Unicornu *Widenſe* nodoſum & verrucoſum 5. 5 C. 484
484 Patella *Cap.* compreſſa, orificio magno &c. 3. xi. C. 292
485 *Balanus* compreſſus alb. 6. fiſſuris ſulcatus. 9. 9. C. 485
486 Fungus *Mauritanic.* verrucoſus ruber &c. 39. 8. C. 486
487 Ægilops *Maurit.* ariſtis longioribus binis 38. 7. C. 487
488 *Kali* forte *Maurit.* polyſpermos 40. 2. C. 488
489 Jacobea *Maurit.* Coronopi folio 41. 4. C. 489
490 *Carlina* fortè *Maurit.* flore ex albo ſanguineo 38. 12. C 490
491 Nodiflora *Maurit.* fol. verticilli modo ſerratis 41. 7. C. 491
492 Matricaria *Maurit.* pumila 40. 5. C. 492
493 Globularia *Maurit.* capite folioſo 40. 1. C. 493
494 Limonium *Maurit.* fl. minimo, caule folioſo 41. 12. C. 494
495 *Ficoides* fortè *Maurit.* perexiguus 39. 3. C. 592
496 *Convolvulus* fortè *Maurit.* fl. cærul. fundo luteo 40. 10 C. 456
497 Spartium *Maurit* fl. albo monoſpermos 37 13. C. 497
498 Polygala *Maurit.* lutea aromatica 41. 9. C 498
499 *Chamæciſtus* fortè *Maur* luteus, fol. parvis ſerratis 38. 9 C. 499
500 Orobanche *Maurit.* fl. purpureo 37. 4. C 500
501 Aloes fortè, Maurit. pumila foliis glaucis 40. 8. C. 501
502 *Baccifera* planta perpumila *Mauritanica* 39. 1. C. 502
503 *Sanamunda* fortè *Maurit.* fl. luteo 38. 8. C. 503
504 *Lycopſium* fortè Maurit. ſpinoſ. fol. anguſtiſſimo 1. 91. C. 504
505 Nux *Guineenſis* nucleo *Moſchatæ* ſimilis 38. 1. C. 505
506 *Myrtus* Guin. *Epimeſpili* folio xi. 7. C. 506
507 *Gram.* Lagopoid. *Guin.* ſpicâ longâ nutante 2. 7. C. 507
508 Taggee *Guin.* radix fortè *Traſi* generis 17. 10. C. 508
509 *Nucleus* tetragonus *Guin.* baſi foraminoſo 37. 10. C. 509
510 *Abrus* languin. max. nigro mixtus *Anacock* 44. 4. C. 511
511 . minor coccineus, hilo nigro 44. 1. C. 510
512 *Muſcus* ceranoides *Palmenſis* comis digitatis &c. 7. 12. C. 512
513 Parietaria *Canar.* fol. ſerrat. ſubtus lanugineſis 7. 2. C. 513
514 Gemma *Turcica* in Hematitæ ſculpta 16. 2. C. 514

AMERICÆ *Animalia, Vegitabilia, &c.*

515 *Rana* CAROLIN. max. voce Taurino 25. 5. C. 515
516 *Lacertus* MARIANUS minor, caudâ cæruleâ 1. 1. C. 516.
517 . . undatus, ſubtus cæruleus 14. 8. C. 517
518 *Anguis* exotica fuſca, dorſo alb. mac. aſperſa 6. 5. C. 518
519 *Serpens* AMER. variegat. cingulis mac. nigr. 46. 1. C. 519
520 Ardea *exotica* aurita 43. 12. C 520
521 Tomineo virescens, gutture flan meo 3. 8. C. 521
522 Avis *Maryland.* gutture luteo 6 1. C. 522
523 *Tocan* SURIN. niger, ex albo, flavo &c. 41. 13. C. 523
524 Avicula *picta* SURIN. è nigro rubroque mixta 46. 12. C. 524
525 . . nigra, capite è luteo croceo 46. 13. C. 525
526 *Piſcis* BRASIL. cornutus 20. 6. C. 526
527 . Bagre *Braſil.* corpore maculato 20. 7. C. 527
528 Oscabrii in *Carol.* perelegans &c. 1. 3. C. 528
529 Echinus Ovar. *Barbad.* radiis 5 geminis 5. 3. C. 529
530 Papilio *Carol.* luteus, apicibus nigris 7 10. C. 530
531 . . *nigreſcens*, maculis luteis 6. 12. C. 531
532 . . *Auxantiacus*, maculis albis &c. 15. 9. C. 532
533 . . fuſcus &c. margine eleg. maculato 33. xi. C. 533
534 . *Marian* fuſcus, area oculata &c. 2. 3. C 534
535 . *Bella donna* dicta *Virginiana* &c. 33 5. C. 535
536 . *Carthagena* nigreſc. alba linea &c. 6 7. C. 530
537 . *Mexican* nigreſc. linea luteſc. &c 4. 2. C. 537
538 . *Jamaic* è fuſco luteſcente &c. 13. 1. C 538
539 . *Surinam* max. ſubtus perbelle oculatus 28. 1. C. 539
540 . . ex *Aurant.* nigro &c. mixtus 12. 8. C. 540
541 . . *caudatus* minor, verruc. ex aureo &c. 10. 9. C. 541
542 *Papilionculus* exoticus *cæruleſcens* 46. 15. C. 542
543 Papilionoides *Carol.* ſulca, ſign. aurea &c. 32. 5. C. 548
544 *Phalena* plumata *Mar.* caudata virescens 14. 5. C. 543
545 . *Mariana* percruciata 17 7 C. 544
546 . . *fulveſcens* cruciata 17. 8. C. 545
547 . . *argentea* minima 17. 2. C. 546
548 . . minor *fulva*, maculis nigris &c 3. 2. C. 547
549 . Bombylius *Carol.* max. ferrugineus 32. 7. C. 549
550 *Phalenoides* Apiformis *Mar.* &c. mac. argent. 17. 12. C. 550
551 Folliculena *Carol.* è virgulis cooperta 7. 6 C. 551
552 Musca *Carol.* nigr. antennis magnis plumoſis 6. 6. C. 552
553 Vespa *Virgin.* impennis, è nigro rubroque 13. 10. C. 553
554 Libella *Mar.* media &c trinubilata 15. 2. C. 555
555 . . . con preſſa &c. nubibus latis medio alarum 15. 1. C. 554
556 Caprico.nus *Amer.* &c. 24. 6. C. 558. Muſ. Petiv. 708
557 . *Carol.* fuſcus, pallido aſperſus 25. xi. C. 559
558 . nigr. *Mar.* undis & circ. flaveſcent. 27. 3. C. 560
559 Cantharus *Carol.* niger, undis palleſc. 33. 9. C. 561
560 . . viridis perelegans &c. 2, 2. C. 562
561 *Naſicornis* Rhinoceros *Marian.* ſplendens &c. 24. 10. C. 557
562 Scarabeus *Mexican.* bicornis 46. 14. C. 556
563 . *elaſt.* maj. *Amer.* capite bimaculato 10. 4. C. 563
564 . *oblongus* niger *Virg.* Vagin. ſulcatis 27. 7. C. 564
565 . *Marian* viridis aceratos 27. 9. C. 565
566 . . . *Rhinocerotos* 21. 8. C. 566
567 *Scarabeolus* hæmiſphericus *Cochineelifer* 1. 5. C. 567
568 . *Mar.* maculis nigricantibus &c. 33. 3. C. 568
569 . . *ſtramineus* mac. aterrimis &c. 26. xi. C. 569
570 . *luteſcens*, ſtriis nigris 17. xi. C. 570
571 Sphondylus *Barbad.* parvus altè ſulcatus 24. 12. C. 571
572 Pectunculus *Americ* faſciis craſſis 25. 9. C. 572
573 . . *lunulatus*, faſciis altè elatis 24. 5. C. 573
574 *Tellinæ* affinis *Jam.* lunulata cuneo &c. 25. 8. C. 574
575 . parva, radiata, intus &c. purpuraſcens 18. 4. C. 575
576 Cochlea *Jam.* depreſſa bidens 21. 6. C. 576
577 Buccinum *Barb* perelegans faſciatum 22. xi. C. 577
578 *Buccinulum* dent *Jam.* ſtriis faſciatis, mac. 9. 4. C. 582
579 Olivaris *Barbad.* vix. dentatus ex albo &c. 30. 6. C. 582
580 . ſtriata & faſciata *Americana* 27. 2. C. 145
581 Nerita *Jam.* ex albo nigroque teſſellatus 13. 12. C. 579
582 . . *alba* parva, ſtriis Caſtaneis 15. 8. C. 581
583 . *Barbad.* minor *plumæ* eleganter maculata 11. 4. C. 580
584 Unicornu *Nevicenſe* gyris cavis 46. 7. C. 583
585 Veneroides *Barbad.* minor marmorata 50. 13. C. 584
586 . . *alba*, media annuloſo 15. 5. C. 585
587 Auris *Bahamica* non perforata 12. 4. C. 293
588 Patella *Amer.* parva compreſſa, orificio ſtrictiori 3 12. C. 578
589 Corallium *ſtellat.* compreſſum albeſcens 48 10. C. 580
590 Millepora *Amer.* ſpongi arenoſa 49. 6 C. 587
591 Porus *ſpongioides* Americana 23. 2. C. 588
592 Spongia *Barbad.* alba Corallii facie 23. 6. C. 589
593 Argyrocome *Virgin.* Atriplicis folio 7. 4. C. 590
594 Randalia *Mariana* procerior 6. 2. C. 591
595 Plantago *Mariana* ſpicâ pretenue 1. 10. C. 592
596 Abrus *Barbad.* niger parvus, hilo rubro 44. 5. C. 593
597 . *Antegoanus* medius miniatus 44. 2. C. 594
598 . . med. miniat. nigro nubulatus 44. 3. C. 595
599 Phaſeolus *Jam.* niger compreſſus &c. albus 38. 2. C. 596
600 Anagallis *Mariana* lutea, fol. laris ſtellatis 2. 5. C. 597
601 Linulum *Carol.* humiſtratum *Knawell* facie 5. 6. C. 598
602 Betle *Novæ Hiſp.* fr. longo anguſtiſſimo 46. 6. C. 599
603 . *Mex.* repens, fol. pinguibus odoratis 46. 5. C. 600
604 Vanillia *Officinarum* 46. 2. 3. 4. C. 601
605 *Gladiolus* lacuſtris *Virgin.* cærul. &c. 1. 12. C. 602
606 Ornithogalum *Virgin.* luteum, fol. Gram. hirſut. 1. xi. C. 603
607 Baccifera *Mar.* Clematis Daph. minoris fol. 1. 13. C. 604
608 Arbor *Peruv.* Corticem *Febrifugam* ferens 46. 9. C. 605
609 . *Mexic.* Flore Tulipæ &c. 46. 8. C. 606
610 Echinites *Carol.* compreſſus &c. 46. 16. C. 607

LECTORI BENEVOLO.

PRIMO Decadum noſtrarum *Volumine*, jam ad umbilicum producto, ſimul cum hoc *Claſſico* & *Topico* earum *Catalogo*: *Amicorum* ſuaſu hortatus ſum *altero Volumine* progredi, & ut Satisfactioni & Votis *Novorum Reſcriptorum* & *Patronorum* reſpondeam; Paratus ſum ad tradendas *Triginta* aliàs *Tabulas* ſingulis *Perſonis* Aureum *Guinnea* dictum deponentibus & Spe feſtinantis incitamenti prædicti, reliquas in lucem dabo, in quibus multa *Rara* & *Nova* eluceſſent, ex omni *Mundi* plaga acquiſita.

LONDINI: Ex Officinâ *Chriſt. Bateman*, vico vulgo dicto *Pater-noſter-row.* MDCCIX.

MUSEI PETIVERIANI

CENTURIA PRIMA:

Rariora Naturæ continens, *viz.* Animalia, Foſſilia, Plantas,

Ex variis Mundi Plagis advecta, Ordine digeſta, & Nominibus propriis ſignata.

Insects, Shells, Fossils, &c.

A. 1. PApilio Sulphureus *nobis*. diurnus medius. The Brimſtone Butterfly. Among the firſt in the Spring.

* A. 2. Papilio Sulphureus pallidus. The pale Brimſtone Butterfiy. I caught this in copulation with No. 1. April 29, 1695.

* A. 3. Papilio Leucomelanus. Our Half-Mourner. Seen only in a wood near Hampſtead, June and July.

A. 4. Phalæna hortenſis alba maculis plurimis nigris inſignita *nob.* Liſt. No. 9. Black-ſpotted Garden-Moth. In moſt gardens, about Midſummer, ſheltering under currant and gooſeberry-buſhes.

A. 5. Phalæna hort. media cinerea, maculis fuſcis notata *nob.* Liſt. No. 12. Common grey Garden-Moth with brown Spots. Common in gardens, and under the eaves of pales, &c.

A. 6. Perla minima merdam olens. Muſca *Chryſopis* dicta. Liſt. No. 104. Camerarius's golden-eyed Jakes-Fly. In gardens and woods, May, June, &c. If cruſhed, ſmell like human excrements.

A. 7. Eruca Geometrica pulchrè variegata Groſſulariis depaſcens *nob.* Liſt. No. 9. Fine ſpotted Gooſeberry-Caterpillar. Common in gardens; from the eggs of the Garden-Moth, at No. 4.

A. 8. Aurelia Groſſulariata obſcurè fuſca, circulis luteis *nob.* Liſt. No. 9. Yellow-ringed Gooſeberry-Coffin. Like the body of a waſp: in a garden, under the eaves of pales, held up by a cobweb; and about a fortnight broke out the Spotted Moth, No. 4.

A. 9. Scarabæus pediculoſus *nob.* Liſt. append. Tab. 6. fig. 11. Pilularius Melanocyanæus Mer. 201. Black and blue Beetle Muſ. R. S. 169. Louſy Beetle. Aug. Sept. &c. fly in the evening: the males have a copper luſtre; the females, a green.

* A. 10. Scarabæus minor æruginoſus. Our ſmall Weaſel-headed Verdigreaſe-Beetle. On common large ſtinging-nettle.

* A. 11. Scarabæus minor viridis. Our ſmall green Beetle. Copulate about Midſummer; on common dock.

A. 12. Cochlea alba major, cum ſuo operculo. Liſt. A. 111. fig. 1. & Act. Phil. No. 105. fig. 1. Cinerea rufeſcens faſciata leviter umbilicata Liſt. H. C. l. 1. No. 46. Great edible lidded Snail. Plenty South of England.

A. 13. Cochlea hort. vulgaris Vulg. Major pulla maculata & faſciata hortenſis Liſt. A. 113. fig. 2. Sib. 34. Act. Phil. No. 105. fig. 5. Liſt. H. C. l. 1. No. 47. Common Garden-Snail. Woods and hedges; but in moſt gardens too plenty. Uſed for No. 12. and with the ſame ſucceſs.

A. 14. Cochlea vulg. teſta variegata Mer. 207. Liſt. A. 116. fig. 3. H. C. l. 1. No. 54. Moſt common Engliſh Snail. Plenty.

A. 15. Cochlea maculata, unica faſcia pulla, anguſtioréque per medium anfractus inſignita Liſt. A. 119. fig. 4. H. C. l. 1. No. 53. Dr. Liſter's marbled Meadow-Snail. Hedges, meadows, and ruſhes.

A. 16. Cochlea terreſtris turbinata & ſtriata Col. P. p. 18. Liſt. H. C. l. 1. No. 25. Cinerea, interdum leviter rufeſcens, ſtriata, operculo teſtaceo cochleato donata Liſt. A. 119. & Act. Phil. No. 105. fig. 2. Columna's ſtriated Lid-Shell. Found plenty in a wood near Charlton.

A. 17. Concha Veneris exigua alba ſtriata Liſt. A. 168. fig. 17. H. C. l. 4. Sect. 9. No. 57. Found near Hartlepool, Durham, called Nuns.

18. Concha Veneris Americana ſtriata dorſo ſinuato. Striata cui ſummo dorſo ſinuato fuſcæ maculæ Liſt. H. C. l. 4. Sect. 9. No. 56. American Nuns. Coaſts of Jamaica, &c.

19. Concha Veneris Africana, ſeu moneta Nigritarum. Lata ponderoſa aliquibus nodis inæqualis modo alba, modo citrina Liſt. H. C. l. 4. Sect. 9. No. 59. Guinea Cowries. Called Simbi puri, and go as money.

A. 20. Aſteria Plot. Ox. p. 85. No. 16. Tab. 2. fig. 2, 3. A. Shugburienſis nob. Aſterias vel Sphragis aſteros Geſn. Lap. 37. fig. The Shugborough Star-Stone. Sternſtein Germanicè. Found in many places in England, but particularly at Shugborough in Warwickſhire.

Trees, Herbs, &c.

* 21. ACroniba *Guineenſibus* dicta, Arbor *Africana* Laurinis foliis. A Guinea Tree called Aconcroba. From Cabo Corſo (vulgarly called Cape-Coaſt) in Guinea. Being boiled in wine, and drank, is good in the ſmall-pox.

* A. 22. Adiantum aureum minus foliis rigidis capitulis coronatis. Our ſmall Heath Goldilocks. On mole-hills and hillocks on heathy grounds.

* A. 23. Adiantum aureum medium in Ericetis proveniens. Leſſer Heath Goldilocks. In dry and open heaths.

* A. 24. Adiantum aureum acaulon pilcis ſtriatis. Stalkleſs Goldilocks. In Ireland, frequently on trees and moiſt walls.

* A. 25. Adiantum aureum minimum pediculis brevibus, foliis capillaceis. Glover's fine Goldilocks. Found on the hawthorn.

Offic. A. 26. Adiantum aureum majus vulgare. A. aur. & Polytrichum aureum Dal. 120. Polytrichum aureum majus Park. fig. opt. 1052. Raii C. C. & Angl. H. Pl. 123. Syn. 19 & 28. Great Goldilocks. In woods and bogs.

Offic. A. 27. Adiantum nigrum Offic. Raii C. C. & Angl. H. Pl. 152. Syn. 26 & 50. Common black Maidenhair. On old walls, and to the roots of trees in ſhady hedges and woods.

* 28. Adiantum nigrum ſpecioſum Canarienſe. Canary black Maidenhair. I obſerved it growing in his Majeſty's ſtows at Hampton-Court.

Pluk. 29. Adiantum nigrum *Chinenſe* tenuiter diviſum. pinnulis minimis obtuſis, plerumque bifidis. Raii H. Pl. 1854. Pluk. Tab. 4. fig. 1. China black Maidenhair with blunt forked leaves.

Pluk. 30. Adiantum nigrum lanuginoſum *Chinenſe*. Nigr. ſeu Dryopteris *Chinenſis* lanuginoſa Raii H. Pl. 1854. Pluk. Tab. 4. fig. 2. Hoary black China Maidenhair. This rare fern, with No. 29. about Hamoy in China

Pluk. 31. Adiantum nigrum *Americanum* foliis ſubtùs albâ farinâ aſperis. Adiant. *Calomelanos Amer.* Rheed's fair black Maidenhair. Barbadoes, &c.

Mal. 32. Aquatica planta *Malabarica* tripetalos *Iabame* foliis fructu alato. Sagittæ affinis *Malabarienſis* latiſſimo folio floribus ex albo trifoliatis Com. mat. H. Mal. v. 11. Tab. 46. p. 95. Where they call it Ottel Ambel; and the Brachmans, or Brammins, Odeca Aloen. Malabar Tankweed with welted heads. Fort St. George.

Pluk. 33. Arachydna Indiæ utriuſque tetraphylla B. B. pr. Arachus Americanus Park. 1269. Raii H. Pl. 919. Four-leaved Earth-Nut. From Africa, Aſia, and America.

☞ 34. Arachydna trifoliata *Guineenſis*. An A. Phaſelodes Americana P. B. pr. ? Legumen trifolium ſub terra fructum edens Raii H. Pl. 919? Trefoil Ground-Bean. From Cape Coaſt.

35. Arachydna *Luſitanica*. Arachus ſub terra ſiliquifera Luſitanica Park. fig. 1069. Araco ſimilis planta ex Hiſpania miſſa. Ray H. Pl. 919. Portugal Ground-Pea. This I ſaw, both in flower and pod, Nov. 11, 1695. amongſt many other curious plants, in a garden at Enfield.

* 36. Baccifera aromatica, arbor Zeylanica *Peromalla* dicta. The Aromatick Peromalla of Zeylon.

☞ 37. Baccifera *Madraſpatana* Glycyrrhizæ foliis fructu coronato Raii H. Pl. 1804. From Fort St. George, named Yellow Sanders.

Plak. 38. Baccifera *Madraſpatana* Viſci arborei foliis latioribus. Arbuſcula *Madraſp.* Liguſtri facie viſci arborei colore & conſiſtentia Pluk. 143. fig. 1. An Kanelli itti Canni H. Mal. v. 10. Tab. 5. p. 9.? Dr. Plukenett's Madraſs-Berry with broad miſsleto leaves. From Fort St. George.

* 39. Bombu arbor *Zeylanica*, cujus folia Tinctoribus inſerviunt. The Zeylon Bombu, or Dying-Tree.

40. Chamælea tricoccos Raii H. Pl. 1710. Widow-Wayle. Grows in many places in France and Spain.

Mal. 41.

Mal. 41. Chamælea *Malabarica* trifoliata ſpinoſa. Frutex baccifer Indicus ſpinoſus trifiorus fl. ſpicatis fructu plano rotundo tricocco Raii H. Pl. 1612. Pluk. 95. fig. 5. The thorny Malabar Widow-Wayle. This the Malabars call Kaka toddali; the Brach. Boriti. H. Mal. v. 5. Tab. 41. p. 81. Malabar, Fort St. George, and Coromandel.

42. Colutea Scorpioides Ger. fig. 1116. id. em. fig. 1299. Scorp. elatior & major fruteſcens H. Ox. 122. Tab. 10. Sect. 2. fig. 7. Scorp. major Park. fig. 227. Raii H. Pl. 923. Great Scorpion Sena. Geneva, and Montpelier.

43 Colutea Scorpioides odorata Alp. ex fig. 17. Scorp. od. Cretica H. Pat. H. Ox. 123. Raii H. Pl. 929. odorata Park. 227. Candy Scorpion-Sena. Crete and Aleppo. Flowers and pods in May and June.

* 44. Colutea Scorpioides *Guineenſis* Ornithopodii foliis. Scorpion-Sena. Guinea.

☞ 45. Colutea lanuginoſa floribus parvis ſiliquis piloſis deorſum tendentibus. An Kani tageri H. Mal. v. 9. Tab. 30. p. 55.? Scorpion-Sena with pendulous hairy Pods. From Cape-Coaſt and the Eaſt-Indies.

Mal. 46. Convolvulus *Indicus* minor, folio anguloſo fl. ex albo flaveſcente Com. not. Sendera clandi H. Mal. v. 11. Tab. 65. p. 133. Malabar Bindweed with angular Leaves. From Cape-Coaſt in Guinea, and Malabar.

Pluk. 47. Convolvulus minimus procumbens *Acetoſellæ* foliolis barbulis ad imum quaternis ſummo apice tricuſpidatis Pluk. 147. fig. 5. Dr. Plukenett's ſmall Halbert-leaved Bindweed of Madraſpatan.

48. Convolvulus tenuifolius ſive pennatus Americanus Park. fig. 169. Jaſminum Millefolii folio C. B. 398. Raii H. Pl. 730. Feather-leaved Bindweed, or Quamoclit. A beautiful plant both from the Eaſt and Weſt Indies.

49. Erica marina quibuſdam Chabr. fig. 571. J. B. v. 3. l. 39. p. 799. fig. Tamariſco ſimilis maritima C. B. 365. Fucus folio Ericæ *Bot. Monſp.* Raii H. Pl. & Synopſ. S. About Montpelier, and our coaſts.

A. 50. Erica marina alba fruteſcens. Frutex marinus Flabelli formis cortice verrucoſo obductus Raii Synopſ. 327. White ſhrubby Sea-Heath. From Gottenburgh in Denmark, and Cornwal.

* 51 Erica marina elegantiſſima fruteſcens rutili coloris. Golden Sea-Heath.

A. 52. Ferrum equinum comoſum Park. fig. 1091. Germanicum ſiliquis in ſummitate Raii H. Pl. 930. Syn. 132 & 192. Tufted Horſe-Shoe Vetch. In chalky high grounds, England.

Mal. 53. Ferrum equinum majus Malabaricum ſiliquis in ſummitate Com. not. It is called Nata tali by the Malabars, and Nalabi by the Brammins. H. Mal. v. 9. Tab. 18. p. 31. The Malabar Horſe-Shoe Vetch. Fort Saint George.

Pluk. 54. Filix pyramidalis *Chinenſis*. Filicis è China genus molle, auricula ad pinnulæ baſim ſuperne producta ſummo folio longius mucronato Pluk. 30. fig. 2. Fil. ſpecies è China delata nobis Raii H. Pl. 1853. Our China Steeple-Fern.

* 55. Filix pyramidalis *Madraſpatana* elegans pinnulis ſerratis. Mr. Sam. Brown's Steeple-Fern. Fort Saint George.

* A. 56. Fungus fimoſus bracteolatus croceus. Yellow ſpangled Cow-Dung Muſhroom. Frequently found on cow-dung in Autumn.

Pluk. A. 57. Fungus (ex ſtercore equino) capillaceus capitulo roſido, nigro punctulo in ſummitate notato Pluk. 116. fig. 7. Raii H. Pl. 1928. Mr. Baniſter's Virginia Muſhroom with dewy Heads. On horſe-dung about London.

* A. 58. Fungus fimoſus niveus ramoſiſſimus mollis. Tender branched Cats-Dung Muſhroom. Found in cellars, on cats-dung, in Autumn.

59. Gramen Dactylon anguſtifolium ſpicis villoſis C. B. 8. Raii H. Pl. 1273. Hairy perennial Cocks-Foot Graſs. France and Italy.

* 60. Gramen Dactylon *Madraſpatanum* ſpicis piloſis. Brown's hairy Cocks-Foot Graſs. Madraſs and Quatra Serras.

* 61. Gramen Dactylon *Madraſpatanum* ſpicis villoſis flaveſcentibus ſpecioſis. Golden hairy Cocks-Foot Graſs. It ſpikes in February and March, in ſandy grounds about Fort St. George.

* 62. Gramen Dactylon *Canarienſe* pumilum ariſtatum. Small Canary Cocks-Foot Graſs. From the Canaries, and coaſt of Spain.

☞ * 63. Gramen Dactylon bicorne *Creticum* glumis lanuginoſis ariſtatis. An bicorne ſeu diſtachyophorum? Hairy forked Cocks-Foot Graſs of Candy. Sometimes amongſt Epithymum.

* 64. Gramen Dactylon *Madraſpatanum* ſpicis ariſtatis ſingulis, binis terniſve. Panick hairy ſpiked Cocks-Foot Graſs. It ſpikes in February and March, about Fort Saint George.

* 65. Gumboe arbor *Suratenſis* fructu Aurantio ſimili. From Surat, called the Gumboe-Tree.

A. 66. Kali minus Ger. em. fig. 535. Minus album Park. fig. 279. Min. alb. ſemine ſplendente. Blitum marinum teretifolium *Kali minus album* dictum Raii H. Pl. 298. Blitum *Kali min. alb.* dictum Raii Syn. 37 & 64. White Glaſs-Wort. In ſalt-marſhes, and our ſea-coaſt.

67. Kali minus villoſum Raii H. Pl. 199. Hairy White Glaſs-Wort. Found on the ſhore about Montpelier.

68. Kali minus foliis lucidis *Bot. Monſp.* Raii H. Pl. 199. Dr. Magnol's ſhining white Glaſs-Wort. Found at Carthagena, and No. 67. at Alicant.

* 69. Kali Polygonoides latifol. *Canarienſe*. Broad-leaved Canary Glaſs-Wort. I ſaw this in flower and ſeed, 1694. and 95. both at the royal garden at St. James's, and phyſick-garden at Chelſea. At the Canaries it is called Corozone Celio.

* 70. Muſcus Norwegicus umbraculo ruberrimo inſignito. Mr. Wheeler gathered it in Norway. It is called his Norway Bongrace-Moſs.

Offic. 71. Muſcus pyxidatus Offic. & Ger. em. fig. 1560. Park. fig. 1308. Raii Cat. Ang. & H. Pl. 113. Syn. 13 & 22. Common Cup-Moſs. Flouriſhes from aut. to ſpring, old brick-walls.

* A. 72. Muſcus pyxidatus major rugoſus. Rough Cup-moſs.

73. Muſcus multiformiter pyxidatus apicibus coccineis. Plot. Hiſt. Staff. p. 199. Tab. 14. fig. 1. Raii Syn. 13 & 21. Scarlet tipt Cup-moſs. In Staffordſhire, and Putney heath.

* A. 74. Muſcus aquaticus pileis acutis. Mr. Scampton's Peak-moor Moſs. Found on the large ſtones in the rivulets among the peak-moors in Derbyſhire.

* A. 75. Muſcus capillaris paluſtris flagellis longioribus bifurcatis. Mr. Jacob Bobart's Golden Bog-moſs. From the bogs near Oxford.

A. 76. Muſcus Corallinus ſive Corallina montana Ger. fig. 1380. id. em. fig. 1572. Corall. mont. Park. fig. 1312. Cor. ſeu cornutus mont. C. B. 361. Tubuloſus ramoſiſſimus fruticuli ſpecie Raii Cat. Angl. & H. Pl. 113. Syn. 13 & 21. Branched Coralline-moſs. On moſt dry heaths.

* A. 77. Muſcus Corallinus minor ramoſiſſimus fuſcus. Our ſmall brown Coralline-moſs. On heaths.

* A. 78. Muſcus Corallinus ſaxatilis fœniculaceus. Our Rock-hair. I firſt obſ. on the higheſt rocks in Charley foreſt, Leiceſterſh.

* A. 79. Muſc. cruſtaceus leproſus ſcutellaris cinereus. Mr. Pool's Aſh-coloured Leprous-moſs. On rocks near Nottinghamſhire, and Tunbridge.

* A. 80. Muſcus cruſtaceus Leproſus ſcutis nigricantibus. Our black ſpangled Leprous-moſs. On ſome walls about London.

* A. 81. Muſcus terreſtris vulgaris Cupreſſi foliis. Cypruſs-leaved Earth-moſs. Common in moſt woods.

A. 82. Muſcus terreſtris latioribus foliis major ſeu vulgaris Raii C. C. & C. Angl. H. Pl. 122. Common Earth-moſs. In woods and ſhady places common.

* A. 83. Muſcus muralis repens ſericeus fol. ſplendentibus. Creeping Velvet-moſs. It heads in April on brick-walls, and ſometimes at the bottom of old trees.

A. 84. Muſcus criſtam caſtrenſem repræſentans flaveſcens ramoſus nemoralis Caſſubicus *Breynii in viridario ſuo Pruſſiæ atque Cassubiæ*. Breynius's plume-creſted Earth-moſs. I have found this in England.

* A. 85. Muſcus trichoides lanuginoſus Alpinus. Our ſmall hairy Mountain-Goldilocks. I found this about Midſummer, 1692. on ſome rocks in Leiceſterſhire.

* A. 86. Muſcus trichoides acaulos minor latifolius. Mr. Doody's broad-leaved ſtalkleſs Goldilocks. Firſt ſhewn me by him. I have ſince obſerved it on dry banks in Feb. and March.

* A. 87. Muſcus trichoides minor acaulos capillaceis foliis. Mr. Doody's fine-leaved ſtalkleſs Goldilocks. This pretty moſs I have obſerved, in company with him, in ſandy places. It flouriſhes in April.

* A. 88. Muſcus trichoides minor vulgaris facie, foliis capillaceis. Our fine-leaved ſmall Goldilocks. I have found this, in March and April, on ſome pales at Hampſtead and Hornſey.

* A. 89. Muſcus trichoides minor pileis magnis acutis. The Extinguiſher-moſs. About Nottingham and Eſſex.

☞ A. 90. Perſicaria anguſtifolia ex ſingulis geniculis florens. Narrow-leaved Lakeweed. Found with the common Arſemart on ditch-banks in meadows beyond Weſtminſter.

Offic. A. 91. Perſicaria non maculata & Hydropiper Offic. Ger. fig. 361. id. em. fig. 449. Raii C. C. & Angl. H. Pl. 182. Syn. 32 & 58. Common Arſemart. Flowers from June to autumn in ditches and watery places.

A. 92. Perſicaria puſilla repens Ger. emac. fig. 450. Minor ſeu puſilla procumbens Raii Cat. Angl. & H. Pl. 183. Syn. 32 & 58. Small creeping Arſemart. In moiſt meadows and watery places.

Offic. A. 93. Perſicaria Chabr. fig. 564. maculoſa Offic. Dal. 141, &c. Ger. fig. 361. Raii C. C. & Angl. H. Pl. 183. Dead or ſpotted Arſemart. By brooks ſides, and in moiſt watery places, and often amongſt corn.

A. 94. Perſicaria Salicis folio perennis. Perennis Potamogiton anguſtifolium dicta Raii H. Pl. 184. Syn. 32 & 58. Perennial Willow-leaved Arſemart. It flowers in June and July, in lakes, fiſh-ponds, &c.

Mal. 95. Perſicaria Madraſpatana longiore folio hirſuto. This the Malab. call Belutta Modela muccu; and the Bram. Siſori. H. Mal. v. 10. Tab. 80. p. 159. Malabar Willow-leaved Arſemart. It grows there by river-ſides, as alſo at Fort St. George.

96. Perſicaria *Virginiana* Muſ. Trad. 153. fruteſcens maculoſa Virg. fl. albo Park. fig. 857. H. Ox. 589. Raii H. Pl. 183. Parkinſon's white Virginian Arſemart. In many gardens about London.

Offic. A. 97. Soldanella & Braſſica marina Offic. Dal. 287. Raii Cat. Angl. & H. Pl. 726. Conv. maritimus. Soldanella dictus Raii Syn. 102 & 157. Engliſh Sea Bindweed, or Scottiſh Scurvy-Graſs. On the ſands by the ſea-ſhores in divers places.

Mal. 98. Soldanella *Malabarica*, cordato folio. Convolvulus maritimus Zeylanicus folio craſſo cordiformi. Schovanna Adamboe H. Mal. v. 11. Tab. 57. p. 117. Called by the Brammins Bangada Valli; in Zeylon, Bintambaru. Raii H. Pl. 1881. Indian forked-leaved Sea Bindweed. Ceylon, Malabar, and Coromandel.

Mal. 99. Xanthium *Malabaricum* capitulis lanuginoſis. Betæ folio Malab. ſemine Lappaceo Com. not. H. Mal. vol. 10. Tab. 59. p. 117. and called there Wellia Codaveli. Woolly-headed Ma-

Malabar Xanthium, or leſſer Burdock. Grows alſo about Cape-coaſt, there called Tetrephoe; they boil it in broth for the flux.

100. Xanthium ſpinoſum Luſitanicum P. B. pr. app. Pluk. 239. fig. 1. Luſit. laciniatum validiſſimis aculeis munitum Turn. p. 348. The Portugal Thorny Xanthium. Phyſick garden at Leyden.

CENTURIA SECUNDA & TERTIA.

1. *Serpentes Britannici*, English Serpents.

A. 101. ANguis vulgaris fuſcus, collo flaveſcente, ventre albis maculis diſtinctus. Natrix torquata Raii Synopſ. Animal. 334. Common Engliſh Snake. Found in moiſt brambly woods, and dunghills.

A. 102. Cæcilia *Anglica* cinerea, ſquamis parvis, mollibus compactis. Blind, or Slow-Worm. Raii Syn. An. 289. In the ſpring, in old gardens, woods, and groves.

A. 103. Vipera Raii Syn. An. 285. V. *Anglica* fuſca, dorſo lineâ undatâ nigricante conſpicua. Our Engliſh Viper or Adder. In low woods and dry banks.

A. 104. Vipera *Anglica* nigricans. An V. nigra Schwenck. Theriotroph. Sileſiæ, 167. ? Engliſh Black-Adder. This our viper-catchers ſometimes meet with.

2. *Serpentes Exotici*, Foreign Serpents.

105. ANguis *Borneocus* viridis familiaris pertenuis. An Serpens *Indicus*, gracilis viridis in arboretis & fruticetis degens *Æhætulla* Ceylonenſibus, i. e. Oculis infeſtus. Raii Syn. An. 331. This elegant and harmleſs Snake, the King of Borneo's ſons kept to play with, from whom Mr. Silvanus Landon got it for me.

106. Cæcilia *Borneoca* pulla, lineis nigris ſtriata.

* 107. Serpens *Borneocus* ex fuſco cyaneus, zonis albeſcentibus. From the ſame place with the two laſt.

* 108. Serpens variegatus major *Indicus*. From the Eaſt-Indies.

* 109. Serpens variegatus minor. From Jamaica.

* 110. Anguis petrifactus. Taken out of the ſtomach of a goat in Norway; brought me by Mr. Richard Wheeler.

3. *Lacertæ*, English Lizards, &c.

A. 111. LAcerta aquatica major mas, ſeu verruculis albis aſperſis, membranulo ſerrato in dorſo extante. Salamandra aq. Raii Syn. An. 273. An L. aq. major Schw. Th. Sil. 149.? The greater Male Newt.

A. 112. Lacerta aq. major fœmina s. verruculis albis aſperſis, dorſo plano. The greater Female Newt. Seen all the ſpring in moſt ditches and ponds about London.

A. 113. Lacerta aq. minor mas, ſeu lævis lituris nigris aſperſis. The leſſer Male Newt.

A. 114. Lacerta aq. minor fœm. ſeu levis flaveſcens. Smaller Female Newt. Found with the former, in ſtanding waters.

A. 115. Lacerta terreſtris tardipes. The Slow-Eft. I firſt obſ. 1692. under old wood at Scraptaf in Leiceſterſhire, and this ſpring at Rugby in Warwickſhire.

A. 116. Lacerta vulgaris Raii Syn. An. 264. The Swift Eft. In heaths.

117. Lacerta *Jamaicenſis*, lineâ in dorſo pyramidali, indice poſteriore longiſſimo. From Jamaica.

118. Lacerta *Indica*, ſquamis & verruculis rotundis, digitis latis internè rugoſis. An Salamandra Indica *Gecco* dicta?

119. Lacertus volans ſeu Draunculus alatus Bontii H. Nat. 59. fig. L. vol. Indica Raii Syn. An. 275. Flying Java Lizard.

120. Scincus *Cyprius* cinereus, ſquammis ex nigro alboque teſſellatus. An Lacerta Cypria Scincoides Charlt. Exerc. An. 28? The chequered Scink. From Cyprus.

4. Sea-Urchins, Eggs, Buttons, &c.

* 121. ECHinus ſpatagus *Jamaicenſis*.

* 122. Echinus Ovarius verrucis (ſeu aculeorum veſtigiis) plurimis majoribus.

* 123. Echinus Ovarius *Barbadenſis* verrucis plurimis minoribus. Common on the ſhores of Barbadoes.

* 124. Echinus Ovarius *Barbadenſis*, radiis quinque geminis, venuſtè ſtriatus. Found with the laſt.

* 125. Echinus compreſſus *Carolinianus*, radiis quinque totidemque foraminibus mirè ornatus. This ſtrange Echinus from Carolina to Dr. M. Liſter, to whoſe generoſity I am deeply indebted for this curioſity, and many others.

5. *Echinites*, Petrified Sea-Urchins.

126. ECHinites Cretaceus pyramidalis, quinis radiis teſſellis interpoſitis. Cap-Stone. Found in Charlton chalk-pits.

127. Echinites parvus croceus quinque ſtriis interlaminatus.

128. Echinites ſpatagodes Cretaceus. Found with 126. and called there Toads-Arſe.

129. Echinites ſpatagodes Siliceus Liſt. H. A. 224. Fig. 28. Plot. H. Oxon. Mitcham in Surry.

130. Echinites Cretaceus compreſſus. Chalk-pits, Charlton; called Rings.

Arbores, Frutices, Trees, Shrubs.

* 131. ACacia *Madraſpatana*, ſpinâ baſi latâ, foliis minimis.

* 132. Acacia *Madraſpatana*, ſpinis geminis teretibus, foliis minimis.

* 133. Aceris folio ſubtus lanuginoſo, Planta *è Madraſpatan.* Theſe three grow about Fort St. George.

* 134. Adiantum *Capitis bonæ ſpei* foliis trilobatis.

* 135. Adiantum furcatum. The laſt at St. Helena, where called Maiden-Hair.

* 136. Ageratum Camphoratum *Cap. b. ſp.* Argemones folio. Tanacetum fl. luteo Camphoram redolens. Under this laſt name I received this plant finely preſerved at the Cape.

* 137. Ageratum *Cap. b. s.* Peucedani folio.

* 138. Agrifolium *Palmenſe* Lauri folio. *Arivinio* Indigens *dictum*.

* 139. Althæa arbor *Inſul. S. Helenæ* Oleaſtri folio.

* 140. Alſine *Americana* Saxifragæ albæ folio.

* 141. Amaranthus *Angolenſis* Acetoſæ ſpicâ, folio Parietariæ.

* 142. Amaranthoides Portulacæ folio, *Guineenſis* Lupuli capitulis.

* 143. Amaranthoides Polygoni folio hirſuto Lupuloides. Collected at St. Helena.

* 144. Argyrocome *Cap. b. s.* Thymi foliis.

* 145. Arundinis paniculâ planta *è Cap. b. s.*

* 146. After *Cap. b. s.* Satureiæ foliis recurvis.

* 147. After viſcoſus fl. luteo. D. Oldeland.

* 148. After fl. luteo, folio Cymbalariæ. D. Oldeland.

* 149. After *Cap. b. s.* Elichryſi folio lanuginoſo, fl. albo. Collected at the Cape.

* 150. After *Virginianus* Senæ foliis. I had from America.

* 151. Baccifera *Palmenſis* Pruni ſylv. folio.

* 152. Baccharis *Palmenſis* fol. ſubrotundo ſerrato.

* 153. Bellis umbellifera *Americana* Doronici Romani folio.

* 154. Bellis umbellifera *Amer.* foliis inferioribus Ranunculi flammei, longis pedic. inſidentibus.

* 155. Bromos *è Cabenda*, polyſpermos utriculatus. Gathered at Cabenda.

* 156. Calendulæ affinis ſeminibus membranaceis trigonis D. Oldeland.

* 157. Campanula *Cap. b. s.* foliis reticulatis ſpinoſis.

* 158. Carlina *Cap. b. s.* Coronopi foliis ſubtus incanis.

* 159. Centaurium minus *Virg.* ſpicatum ramoſiſſ. polyanthos.

* 160. Centaurium minus foliis Cordiformibus, D. Oldeland.

* 161. Chamæciſtus *Cap. b. s.* Roris Solis foliis.

* 162. Chamæciſtus *Cap. b. s.* folio criſpo Chamdæryos. Collected at the Cape of Good Hope, by the Rev. Dr. Lewis.

* 163. Chryſanthemum *Americanum* fl. mixto, marginibus foliorum purpureis.

* 164. Chryſanthemum *Amer.* triphyllum, marginibus foliorum aſperis.

* 165. Chryſanthemum *Cap. b. s.* Arbuti folio.

* 166. Cirſium *Americ.* fl. ſingulari, ſquamis ſpiniferis, foliis albeſcentibus.

* 167. Clinopodium *è Cabenda* Parietariæ folio. At Cabenda near Angola.

* 168. Cnicus fl. aureo lævi D. Oldeland.

* 169. Corruda *Guineenſis* foliis aduncis. Mr. Bartar ſent me this from Cape-coaſt, named Malice-weed.

* 170. Conophoros *Cap. b. s.* Oleandri folio.

* 171. Conophoros *Cap. b. s.* Lauroceraſi folio anguſtiori.

* 172. Conophoros *Cap. b. s.* folio in ſummo dentato.

* 173. Conophoros *Cap. b. s.* Linariæ foliis ſericeis rigidis.

* 174. Conophoros *Cap. b. s.* Oleæ anguſtiore folio. These five laſt were collected at the Cape.

* 175. Convolvulus *Angolenſis* Linariæ foliis auriculatis ad baſin bifurcatis.

* 176. Conyza *Angolenſis* ſerratifolia. This and the laſt Mr. Maſon gathered at Angola.

* 177. Corallium nigrum *Borneocum* ramulis virgultis. Mr. Sylvanus Landon brought me from Borneo.

* 178. Corallium purpureum *Virginianum*, virgulis teretibus. From Virginia.

* 179. Corallium fuſcum virgulis ramoſis. Virginia.

* 180. Crocus cœruleus Quinquenervii folio *è Cap. b. s.*

* 181. Crocus flore ex cœruleo & aureo variegato.

* 182. Croco affinis flore obſoletè rubro. D. Oldeland.

* 183. Cupreſſus *Japonica* Arboris Vitæ foliis & facie. *Finnoki* Japonenſibus ſive Arbor ignea. From Dantzick.

* 184. Cyperus *Americanus* paniculâ parvâ rubente, ſem. *Lithoſpermi*.

* 185. Cyperus *Juncoides* barbatus *è Monte Serado*, capite globoſo majori.

* 186. Cyperus *Juncoides* barbatus *Guineenſis*, capite globoſo minori.

* 187. Cyperus *Madraſpatanus*, paniculâ ſpeciosâ ramoſiſſimâ.

* 188. Cyperus *Madraſpat.* panic. ſpeciosâ minor, glumis perminutis.

* 189. Cyperus *è Monte Serado*, Ranunculi capitulo ſimplici.

* 190. Cyperus *Virginianus* Junci aq. paniculâ.

* 191. Cyperi facie *Americ.* barbulis hamatis.

* 192. Cytiſus *Cap. b. s.* foliis pilis argenteis irroratis.

* 193. Cytiſi facie Frutex *Cap. b. s.* foliis perforatis.

* 194. Draba fl. cœruleo. D. Oldeland.

* 195. Dra-

* 195. Dracocephalon *Americanum*, Lyſimachiæ campeſtris folio, caule rotundo.

* 196. Dracocephalon *Amer.* Oculi Chriſti folio, fl. minore.

* 197. Dracocephalon *Amer.* Hyſſopi folio, floribus alternis vel appoſitis.

* 198. * 199. * 200. * 201. } Elichryſum *Cap. b. s.* { ferrugineum. / ferrugineum, Ericoides. / Lavendulæ fol. lanuginoſo. / Lychnid. Coronariæ folio, capitulis ſquarroſis.

* 202. Enulæ Campanæ affinis, flore luteo. D. Oldel.

* 203. Erica fl. variegato tricolori. D. Oldeland.

* 204. Erica fl. rubro. D. Oldeland.

* 205. Erica *Cap. b. s.* Cerinthes flore ſtaminoſo.

* 206. Erica tenuifolia *Cap. b. s.* floribus exiguis carneis denſè ſpicatis.

* 207. Eryſimum fl. cœruleo ſtaminulis croceis D. Old.

* 208. Eupatoroides *Cap. b. s.* Satureiæ foliis rigidis.

* 209. Eupatoroides *Cap. b. s.* foliis rigidis teretibus contortis.

* 210. Eupatoroides *Cap. b. s.* ſpicata, foliis rigidis.

* 211. Ficus folio digitato lobato, *ex inſula Coos.* From Coos.

* 212. Filicula *Palmenſis* pinnis parvis ſubtus omninò villoſis.

* 213. Filicula *Palm.* pinnis ſpiniferis integris & undatis.

* 214. Filix *Cap. b. s.* marginibus aciniferis.

* 215. Filix Dactyloides perelegans, è *Monte Serado.*

* 216. Filix Pyramidalis elegans *Inſul. S. Johannis*, pinnulis anguſtis ſerratis.

* 217. Filix ſcandens *Nummulariæ* folio è *Monte Serado.*

* 218. Frutex ſpicatus Prunifolius *Virginianus.*

* 219. Fucus Fœniculaceus fuſcus, ex *Inſul. Cyprus.*

* 220. Fungus Calyciformis pediculo nigro, è *Monte Serado.*

* 221. Geniſta fl. croceo luteſcenti. D. Oldeland.

* 222. Geniſta fl. luteo. D. Oldeland.

* 223. Geniſta floribus minimis luteis. D. Oldeland.

* 224. Geniſta *Cap. b. s.* Laricis folio floribus comoſis.

* 225. Geniſta *Gadenſis* lutea, ſpinis ſpinulis armata. At Cales.

* 226. Gnaphalium *Aloecum* capitulis valdè lanatis. At Alicant.

* 227. Gnaphalium floribus argenteis. D. Oldeland.

* 228. Gnaphalium Plantaginis folio *Virginianum.* White Plantain, i. e. Plantago candida noſtratibus vulgò *Alm. Botan.* From Virginia; named Indian Plantain.

* 229. Gnaphalium *Cap. b. s.* floſculis albis rigidis.

* 230. Gnaphalium teretifolium. From the Cape.

* 231. Gnaphalium tomentoſum fl. luteo. D. Oldeland.

232. Gramen Cyperoides polyſtachion, ſpicis ad nodos ex utriculis ſeu foliorum alis echinatis prodeuntibus. Cat. Plant. Jam. 36. From Dr. Sloan.

* 233. Gramen aſperum *Cap. b. s.*

* 234. Gramen Amoris Amer. polyſtachion & ramoſiſſimum, foliis parvis quaſi aculeatis.

* 235. Gramen Amoris *Virgin.* paniculâ purpuraſcente. Mr. James Marſhall brought me this from Virginia.

* 236. Gramen Junceum è *Monte Serado* Eryngii capitulis.

* 237. Gramen Lagopoides *Palmenſe.*

* 238. Gramen Lagopoides *Guineenſe* ſpicâ longâ nutante.

* 239. Gramen pratenſe majus *Virginianum.*

* 240. Gramen Secalinâ ſpicâ annuum. I gathered this in ſpike, Sept. 9. 97. at Enfield.

* 241. Helleborine *Angolenſis* foliis Allii Urſini.

* 242. Helleborine *Amer.* Arundinaceo folio, floribus flaveſcentibus maculatis.

* 243. Helenoides arbor foliis Teucrii craſſis & rigidis. Grows in St. Helena; named Balſam-tree.

* 244. Helenoides arbor Verbaſci nigri folio, ſubtùs lanugineſo. Found with the laſt.

* 245. Holoſteum parvum *Norvegicum.* From Norway.

* 246. Jacea lutea major, ſeminibus *Crupinæ Belgarum.* Oxf.

* 247. Jacea Amer. Graminis folio, monanthos, ſquamis foliaceis.

* 248. Jacea *Amer.* Graminis folio, floribus alternis ſpicatis.

* 249. Jaſmini flore, planta foliis Sedi majoris. Called at the Cape Trumpet-Flowers.

* 250. Ilicis foliis exiguis Frutex Orientalis. This elegant ſhrub from the Bombay ſide of India.

* 251. Iris *Amer.* cœrulea Graminis folio.

* 252. Knawel Limonoides *Canarienſe* Portulacæ aq. folio.

A. * 253. Lactuca aquatica tenuifolia ſegmentis bifidis. Found in a ditch near Deptford dock.

* 254. Lagopus *Americanus* floribus majoribus comoſis.

* 255. * 256. * 257. } Laſerpitium *Amer.* { Fraxini folio. / Hyperici folio. / Chærophylli folio.

* 258. Laurus Alexandrina *Palmenſis*, baccis é crenis foliorum prodeuntibus. An elegant plant.

* 259. Laurus tinus *Madraſpatanus* trifoliatus. Gathered on Saint Thomas Mount, near Fort Saint George.

* 260. Laurus tinus *Palmenſis* folio latiſſimo villoſo.

* 261. Lycium *Cap. b. s.* foliis Viſci minoribus.

* 262. Lichen arboreus *Amer.* ſcutellis magnis donatus.

* 263. Lichen arb. *Inſul. S. Johannis* marginibus piloſis.

* 264. Lilac *Cap. Bonæ Spei* Fraxini foliis.

* 265. Lychnis *Gadenſis* parva hirſuta. At Cales.

* 266. Lychnis *Hiſpanica Kali* folio multiflora *El. Bot.*

☞ 267. Lychnis viſcoſa aizoides fl. minimo *è Rhodes.* Du Bois raiſed this (from ſeed I gave him) at Mitcham. Flowered from Auguſt till October, 1697.

* 268. Lyſimachia fl. luteo tubo longiſſimo D. Oldeland.

* 269. Melo *Perſica* fructu odorato ex luteo & croceo eleganter ſtriato. This beautiful Melon was raiſed at Enfield.

A. * 270. Millefolium aquaticum rubens folliculaceum fluitans. This odd plant lately diſcovered in a pond near Henly, Suffolk.

* 271. Millepora arenoſa *Anglica.* Found at Deal.

* 272. Mocan *Palmenſibus*, Frutex Arbuti folio.

* 273. Muſcus *Americanus* aureus folio Cupreſſi.

A. * 274. Muſcus marinus capillaris rubens non ramoſus. At Braintree, Eſſex.

* 275. Muſcus *Iſlandicus* ruber pennatus, foliis mirè ſerratis. Found in the ſtomach of a cod-fiſh in Iceland.

* 276. Naſturtium teſticulatum *ex Inſula S. Helenæ.*

* 277. Oleandri folio lucido, Frutex è *Cap. b. s.*

* 278. Orchis *Amer.* petalis florum eleganter ſerratis.

* 279. Orchis *Amer.* calcari longiſſimo, Polygonati folio.

* 280. Orchis flore ſingulari herbaceo. D. Oldeland.

* 281. Orchis referens effigiem Nudi Hominis, Coriandri odore. D. Oldeland.

* 282. Ornithogalo affinis radice rubicundiſſima floribus aureis. D. Oldeland.

* 283. Pentaflora è *Cap. b. s.* foliis Myrti minoris.

* 284. Phaſeolus *Angolenſis* foliis lobatis.

* 285. Phaſeolus *Amer.* lobis ſpiniferis.

* 286. Phaſeolus *Amer.* Apios *Cornuti* folio fl. ſingulari.

* 287. Phaſeolus è *Cap. b. s.* monanthos, Loti facie.

* 288. Phaſeolus foliis parvis floribus comoſis è *Cap. b. s.*

* 289. Plantaginis ſpicâ planta *Amer.* foliis ſerratis externè lobatis.

* 290. Sedum *Cap. b. s.* Serpylli folio hirſuto floribus albis comoſis.

* 291. Scorodonia floribus ſpicatis purpuraſcentibus pentapetaloideis, unico ſemine majori echinato. Cat. Pl. Jam. 66. Spaniſh-Town in Jamaica.

292. Tagetes Scabioſæ tenuifolii villoſis foliis è *Cap.*

293. 294. 295. 296. } Valerianoides { *Amer.* fl. globoſo Piſtaminis folio. / Linariæ folio, fl. cœruleo è *Cap.* / foliis Abrotani tridentinis è *Cap.* / Calaminthæ folio è *Cap. b. s.*

297. Verbenaca Hyſſopi foliis parvis è *Cap. b. s.*

298. Verbenaca Taxifoliis marginibus lanugineſis è *Cap.*

* 299. Xeranthemum è *Cap. b. s.* Roriſmarini folio.

* 300. Xeranthemum Sophiæ Chyrurgorum foliis è *Cap. Bonæ Spei.*

CENTURIA QUARTA & QUINTA.

ENGLISH BUTTERFLIES.

A. 301. PApilio albus, venis nigris. The white Butterfly with black Veins. I once ſaw this in a garden.

A. 302. Papilio albus medius, venis latis ſubtùs nigricantibus. The common white veined Butterfly. Common in fields from March to July.

A. 303. Papilio albus minor. The ſmall white Butterfly.

A. 304. Papilio Leucomelanus ſubtùs virideſcens marmoreus. The greeniſh marbled Half-Mourner. The only one I have ſeen, Mr. Vernon caught in Cambridgeſhire.

A. 305. Papilio alba, ſubtùs viridi colore marmoreata fœmina. The white marbled female Butterfly.

A. 306. Papilio albus, ſubtùs viridi colore marmoreatus mas: ſeu maculis croceis ornatus. The white marbled male Butterfly. Appear in April and May, not common.

A. 307. Papilio oculis nigris, ſubtùs marmoreus. The black-eyed marble Butterfly. I caught this at Tunbridge.

A. 308. Papilio pratenſis oculatus aureus. The golden meadow eyed Butterfly. Common in meadows before mowing.

A. 309. Papilio pratenſis oculatus fuſcus. The brown meadow eyed Butterfly. With the laſt in May and June.

A. 310. Papilio aureo-fuſcus minor oculatus, pupillis geminis. The leſſer double-eyed Butterfly. About hedges in Auguſt.

A. 311. Papiliunculus aureus oculatus, in Ericetis frequens. The ſmall Heath-Butterfly. Common on heaths from May to autumn.

A. 312. Papilio oculatus ex aureo & fuſco marmoreatus. The golden marbled Butterfly, with black Eyes. I have met with from May till Auguſt, not common.

A. 313. Papilio medius omninò fuſcus, plurimis oculis nigris in circulis luteis ſubtùs ornatus. The brown Eyed Butterfly with yellow Circles. Auguſt, in meadows near rivers.

A. 314. Papilio *Oculus Pavonis* dictus. The Peacock's Eye. Often appears early, and continues long; common in gardens and fields.

A. 315. Papilio *Teſtudinarius* major. The greater Tortoiſeſhell Butterfly. Liſt. fig. 3. This generally ſettles on trees in ſpring and autumn; not common.

A. 316. Papilio *Teſtudinarius* minor. The leſſer Tortoiſeſhell Butterfly. Liſt. fig. 2. Summer.

A. 317. *Papilio* minor aureus, ex nigro permaculatus. The ſmall golden black-ſpotted Meadow Butterfly. In meadows about Auguſt and September.

A. 318. *Papiliunculus* cœruleus, ocellis plurimis ſubtùs eleganter aſperſis. The little Blue Argus. About autumn on heaths.

A. 319.

A. 319. *Papilio* minor cæruleſcens, ſubtùs ſtriatus. I never ſaw this but with Mr. Ray, July 11, 1699. who gave it me.

A. 320. Papilio *Fritillarius* major, maculis ſubtùs argenteis. The greater ſilver-ſpotted Fritillary. I have not yet ſeen this about London: Dr. Scampton ſent it me from Leiceſterſhire.

A. 321. Papilio *Fritillarius* major, lineis ſubtùs argenteis. The greater ſilver-ſtreaked Fritillary. I once found this in the phyſick-garden, Chelſea.

A. 322. Papilio *Fritillarius* maculatus præcox. The April Fritillary. In Hampſtead and other woods, April.

A. 323. Papilio *Fritillarius* teſſellatus ſerotinus. The May Fritillary. Found with the laſt, May.

A. 324. Papilio *Fritillarius* minor. Mr. Vernon's ſmall Fritillary. In Cambridgeſhire and Hornſey wood.

A. 325. *Papilionaculus* fuſcus, punctis plurimis albicantibus. Our brown Marſh Fritillary. I firſt obſerved this, April 30, 1696, in a bog on Hampſtead heath.

A. 326. *Papilio* eleganter variegatus agilis, *Bella Donna* dicta. The Painted Lady. Liſt. fig. 6. Uſually ſettles on banks and dry ground; not common.

A. 327. *Papilio* major nigreſcens tricolor, circulo ferè ſanguineo ornatus. The Admiral. Liſt. fig. 4. Commonly in gardens, and ſometimes in woods, in Auguſt and September.

A. 328. *Papilio* major caudatus, ex nigro & luteo variegatus. The Royal William. Hollar. Muſcar. &c. Mr. Ray has ſeen it in the North of England, and in the royal garden at St. James's.

A. 329. *Papilionoides* pratenſis minor viridis. Our green Meadow-Butterfly. In ſeveral meadows when the graſs is high.

A. 330. Papilionoides vireſcens, maculis quinque miniaris ornatus. Phalena prat. 1. Moſſet's greeniſh Leopard with five ſcarlet Spots. Common in the ſame places.

Trees, Shrubs, Herbs.

331. *Brotanum* mas odoratiſſimum Fumariæ folio, ab *Emuy.*
332. Acacia *Madraſpatana* Buxi foliis, ſiliquis compreſſis.
333. Acacia *Madraſpatana* ſpinoſa, Abrus folio, Fructu Aceris. An H. Mal. vol. 6. Tab. 8. p. 15.?

334. Acer *Madraſpat.* Celaſtri folio, alis ſeminiferis ſimplicibus.
335. Adhatoda *Madraſp.* major *Lupuli* capitulis.
336. *Adhatoda* Madraſp. *Nummulariæ* minore folio e *Champacca.*
337. Adhatoda *Champacca* Pneumonanthæ folio. Gathered at Manambade Champacca, a place about Fort St. George.
338. Adhatoda *Madraſp.* ſpicâ longâ foliaceâ, marginibus albis.
339. *Adhatodæ affinis* Champaccæ, *Chamedryos* folio, ſubtùs villoſo. Theſe eight laſt from Fort St. George.
340. *Adianthum nigrum* Madraſp. *Geranii Robertiani* folio.
341. Ægilops *Javanica* capitulis piloſis Roſeis.
342. Alcea *Braſiliana* folio anguſtiſſimo ſerrato.
343. *Alchimilla* minima pubeſcens. This rare plant fr. the Cape.
344. Alſine *Madraſp.* fl. cæruleo.
345. *Anagallis* purp. Burſæ Paſtoris foliis minoribus *è Cap. b. s.*
346. Anomala *Braſiliana* fl. luteo capſulâ carinatâ.
347. Anomala *Braſil.* floribus parvis, ex alis foliorum, longo tenuiſſimoque pediculo affixis. Theſe two laſt from Braſil.
348. Apocynum *Madraſp.* Arb. Camphoriferæ foliis, ſiliquis villoſis.
349. *Arbor* Champaccæ, *Suberis* folio, fructu ligneo ſeminibus alatis referto.
350. Arbor Hortenſis *Javanorum*, foliis *Viſci* anguſtioribus aromaticis, floribus ſpicatis ſtamineis luteſcentibus.
351. Arbor *Madraſp.* polyanthos, fl. pentapetalis membranaceis rigidis.
352. Argentina *Emuyaca* foliis ramoſis, altiùs inciſis. From Emuy, a Chineſe iſland.
353. Aſter *è Cap. Bonæ Spei*, foliis conſertim naſcentibus, *flore purpureo.*
354. Aſter *Marianus* Cnæori foliis, floribus ſaturatè purpureis. Maryland.
355. 356. *Aſter* Marian. *perfoliatus*, floribus { minoribus ſpicatis. majorib. pauciorib.
357. *Aſtragalus* Madraſp. Tragacanthæ foliis.
358. 359. Baccifera *Madraſp.* fol. { *Lauruſtini* lucidi. lato ſubtùs molli, *fructu* racemoſo, coronato, piloſo.
360. Baccifera *Madraſpat.* calyculata *Caryophylli aromatici* folio.
361. *Baccifera* Madraſp. *Myrti Laureæ* foliis perforatis, ſed vix conſpicuis.
362. Baccifera *Madraſp.* parva *Reniformis*, Vincæ per vincæ folio ſubtùs molli. The five laſt from Fort St. George.
363. *Baccifera* Mariana, *Clemat. Daphnoid. minoris* folio.
364. *Calamintha* Mariana *Alexiaca*, ſummitatibus calycum lanoſis.
365. Calendula fol. *Gramineo.* Gathered at the Cape.
366. *Capparis ſabago* minor, *è Cap. b. s.* fl. albo.
367. *Centaurium Caryophylloides* fruteſcens, *Hyperici* foliis. Cape.
368. *Centaurium* humile *album*, folio ſubrotundo. Cape.
369. *Centaurium* minus, verticillatis floribus, *Madraſpat.*
370. *Centaurium* minus, rubrum, caule alato, *Madraſpat.*
371. Ceraſus *Madraſp.* foliis latis cuſpidatis.
372. *Chamæpytis* fl. carneo fol. anguſtiore integro. Cape.
373. Chryſanthemum *Orientale* foliis criſpis. Fort St. David.
374. *Cinaroides* frutex, fol. ſubrotundo, rigido, *è Monte Tabulari.*
375. *Citrus* Madraſp. *floribus* parvis racemiferis, *fructu* Caſſamuniaris *odore.*
376. Coccifera *Madraſp.* calyce magno, *Staphylodendr. Afric.* folio.
377. Coccifera *Madraſp.* racemoſa, *Uvacu* folio molli flaveſcente.
378. Coccifera *Madraſp.* Nucis Vomicæ foliis longioribus.
379. *Colutea* ſiliquoſa *Madraſp.* Mimoſæ *foliis.*
380. *Convolvuli* capſula, Planta *Madraſp.* fol. latiſſimo cordato ſubtùs ſericeo.
381. Corallina *alba* capillacea, non geniculata, ramulis tenuiſſimis.
382. Corallina *capillacea* non geniculata *ſpermophoros.*
383. *Coralloides* ramoſa, cruſtâ coccineâ obducta. Cape.
384. *Crotolaria* Madraſp. *Styracis* fol. ſericeo ferrugineo, auriculis majoribus.
385. Crotolaria *Madraſp.* folio villoſo, auriculis parvis, purpur.
386. *Cyperus* Marianus *Miliaceus*, paniculâ villoſâ ſpecioſiſſimâ.
387. Cyperus *Marianus*, glomerulis deorsùm ſpectantibus. In Maryland.
388. 389. 390. Cytiſus *Marianus* { purp. erectus capſulâ membranaceâ. purp. ſupinus, capſulâ membranaceâ. floribus luteis denſè congeſtis, pediculo nudo.
391. *Delphinii capſula*, Fruticulus è *Cap. Bonæ Spei*, folio anguſto punctato.
392. *Dens Leonis* foliis dentatis & integris, è *Cap. b. s.*
393. *Dens Leonis* Enulæ folio è *Cap. b. s.*
394. *Diſpermos* Madraſp. *Pneumonanthe* folio.
395. *Erica* Cap. B. S. *capitulis* villoſis ſubluteis.
396. Erica *Cap. b. s.* ſtaminulis atro-purpureis è capitul. albis villoſis.
397. *Eſula* Mariana, *flore* pentapetalo albo.
398. *Eupatorium* Marianum *Elichryſi Peruv.* folio.
399. *Euphraſia* Madraſp. *Plantaginis* facie. Fort St. George.
400. *Fagopyrum* Chinense *Biſtortæ* folio.
401. *Fagopyrum* Marianum *folio* ſagittato, caulibus & pediculis ſpiniferis.
402. *Filix* Emuyaca *pinnis* proliferis mirè ornatis.
403. *Filix* Emuyaca *pinnis* ſingulis integris & diviſis, marginibus ſeminiferis.
404. *Filix* Javanica *pinnis* anguſtiſſimis ſubtùs diviſis.
405. Fucus *Dealensis* Pedicularis rubræ folio. From Deal.
406. Fucus *Dealensis* fiſtuloſus, Laryngæ ſimilis. Same.
407. *Gelſeminum* Madraſp. *Colutea* folio, *ſiliq.* compreſſis aduncis.
408. *Gelſeminum* Madraſp. *ſiliqua* tetragonâ contortâ, *foliis* cuſpidatis. An H. Mal. v. 6. Tab. 26. p. 26.?
409. *Geniſta, foliis* tenuiſſimis, flore luteo majore. Cape.
410. *Geniſtæ facie* Frutex, *Emuyacus*, flor. barbatis globoſis.
411. *Gladiolus* flore minore purp. apicibus obſoletis. Cape.
412. Gladioli *flore* ſingulari *Planta* Mariana.
413. *Gladiolo Narbonenſi* affinis *Mariana* planta *floribus* minoribus.
414. Gladiolo affinis, *flore* cæruleo odoratiſſimo. This fragrant Plant firſt flowered in Mr. Tarant's garden at Hoxton. Cape.
415. *Gramen* Marianum *ſpicâ* criſtatâ multiplici.
416. Gramen *ſpicâ* criſtatâ ſimplici duriuſculâ. Cape.
417. *Guajavæ* fructu, Arbor *Madraſp.* foliis *Fagi* maximis.
418. *Hedyſarum* triphyllum *Marianum* anguſtifolium.
419. *Hedyſarum* triphyllum *Marianum* Trifolii Bituminoſi facie. Both theſe from Maryland.
420. *Hedyſarum triphyllum* ſcandens *Marianum* rotundifolium auriculatum.
421. *Herbæ Paridi* affinis *Mariana*, planta, floribus hexapetalis biformibus.
422. *Hexagonæ fructu* arbor *Madraſp.* Iacæ *folio.*
423. *Julifera* Madraſp. *Coryli* inſtar, Arbor folio latiſſimo ſubtùs villoſo. An H. Mal. v. 5. Tab. 22. p. 43.?
424. Juncus *è Cap. Bonæ Spei*, paniculis fuſcis Juliformibus.
425. *Kadali* Emuyaca *Tabernæmontani* anguſtiore folio.
426. *Kadali* Malaccenſis *Cinnamomi* fol. ſubtùs molli.
427. *Landonia* argentea foliis anguſtis incanis, ex Inſula *Floris.* Mr. Landon brought this new Plant from Flores Iſle.
428. Lauri fructu Arbor *Madraſp.* fol. *Vincæ per Vincam* majoris.
429. *Lauri-folio* minore Arbor, fructu nudo globoſo, *è Madraſp.*
430. Linaria *Dracocephali* folio, *è Cap. b. s.*
431. *Lycium* Madraſp. *Celaſtri* folio.
432. *Mentaſtrum* Marianum *Alexiacum*, foliis incanis.
433. *Methonicæ* folio, Planta Guineenſis *floribus* racemiferis. An H. Mal. v. 7. Tab. 53. p. 99.? This very odd Plant Mr. Edward Bartar lately ſent me from Cape Coaſt in Guinea.
434. Moly *humile* è Cap. b. s. M. *Dioſcoridi* ſimile.
435. *Muſcus* arboreus *Norvegicus* Feniculaceus longiſſimus non ramoſus.
436. *Muſcus* Ceranoides *Palmenſis* comis digitatis, *Orchidi* dictus.
437. *Muſcus* Coralloides *Tunbrigenſis*, bracteolis nigerrimis. An M. Cornucopoides criſtat. Alpinus ſaxatilis Bocc. Muſ. Plant. 21. Tab. 8. fig.? This I found on the rocks near Tunbridge.
438. Muſcus *Filicinus* perelegans criſpatus. Mr. Dandridge found this, 1699. by the ſide of a gutter, in a wood near Muſelehill, between Highgate and Hornſey.
439. *Olea* Madraſp. *Celaſtri* folio.
440. Ornithogalum *è Cap. b. s.* flore luteo.
441. *Ornithogalum* Marianum *Graminis* folio, flore minutiſſimo.
442. *Oſmunda* Mariana *Dryopteris* folio.
443. Pajomirioba *Madraſp.* minor, ſiliquis ſericeis.
444. *Palma* Glandifera *Madraſp.* Chamæriphes *folio.*
445. *Papilionaceo flore* Planta ſpicata, *è Cap. b. s.* Taxi folio.
446. Perexil *Champaccenſis* humilis, polycephalus albus, capillaceo folio.
447. Perexil *Champaccenſis*, capitulis carneis, capillaceo folio.
448. *Periclymeni flore* Frutex *Madraſp.* Uviferæ *Amer.* minoris fol.
449. *Peri-*

449. *Periclymeni flore* ſpicato, rubro, tubuloſo, *Lauri* folio rigido, Frutex *è Madraſpat.*

450. *Periplocæ* flore Frut. *Laurocerafi* folio tenuiori *è Madraſp.*

451. *Phaſeolodes* ſpicata *monoſpermos*, calyce Plantæ Verticillatæ, ex Inſula *Flores.*

452. *Phaſeolus* Marianus *Cajan* facie, *Salviæ* fol.

453. *Phaſeolus* Marianus *ſcandens*, floribus comoſis.

454. Planta *è Cap. b. s.* foliis carinatis punctatis, fl. albo.

455. Planta ſpicata, fl. albo tetrapetalo, *Roriſmarini* fol. Cape.

456. Planta *è Cap. b. s.* floribus denſè conglomerat. foliis *Taxi* minoribus, apicibus ſpiniferis.

457. Planta *Javanica* fol. laciniatis anguloſis, alternatim poſitis.

458. *Plantago* fortè *Hieracii* criſpi fol. capitulis ſquammoſis. From Gallipoli.

459. *Polyanthos* ramoſiſſima, capillaceo folio, flore minimo, Planta *e Cap. b. s.*

460. } Polygala *Marian.* { ramoſa fl. minimo ſpicato.
461. } { Galegæ fol. alba, denſè ſpicata.
462. } { fl. rubris ſpicatis.

463. *Polygonum* Marianum, *Lini Cathartici* facie.

464. Polypodium *Malaccenſe*, fol. integris & lobatis permaculatis.

465. *Pomifera* Madraſp. *Caſſiæ fiſtulæ* fol. calyce tetrapetalo roſeo.

466. Prunifera *Madraſp.* fructu anguloſo, fol. Lauri perforato.

467. *Prunifera* trifoliata *Madraſp.* calyce majore integro.

468. *Prunus* Madraſp. *Mali* folio, *floribus* ſpicatis.

469. *Rapunculus* galeatus, *Artemiſiæ* fol. *è Cap. b. s.*

470. *Rapunculus* flore minimo croceo, *è Cap. b. s.*

471. Rapunculus *Centauroides*, pentapetalus, *Marianus.*

472. Rapunculus *Centauroides* decapetalus *Marianus* anguſtifol.

473. *Rhamnus* Carolinianus *Balauſtii* folio ſubtùs ſericeo. From Carolina.

474. Samamunda *è Cap. b. s.* Ilicis folio ſubtùs incano.

475. *Saſſafras* facie arbor *Javanica*, fol. trifido.

476. Siliquoſus *Madraſp.* Frutex *Glycyrrhizæ* foliis alternis.

477. *Spartum* capitulis foliaceis proliferis, ex Inſula *Flores.*

478. Spergula *è Cap. b. s.* foliis *Portulacæ* minorib. ſtellatis.

479. *Spongia* ſpecioſa fibris tenuiſſimis *è Smyrna.*

480. *Stellaria* aquatica *Madraſp.* foliis denſè ſtipatis.

481. Tarton-raire *è Cap. b. s.* fol. anguſtiore.

482. Terebinthus *Madraſp.* Viſci fol.

483. Tetragono fructu Arbor *Madraſp.* fol. *Anacardii Orientalis.*

484. *Tetragono fructu* Arbor Madraſp. *Caſſiæ fiſtulæ* fol.

485. *Thea* Caroliniana *Lauro cerafi* fol.

486. *Thymelea* è Cap. b. s. *Samamunda 3 claſſ.* anguſtiore fol.

487. *Thymelea* è Cap. b. s. *Roriſmarini* fol. anguſtiore, capite lanuginoſo.

488. *Thymelea* è Cap. b. s. *Roriſmarini* folio latiore & breviore, capite lanuginoſo.

489. *Thymelea* è Cap. b. s. *Taxi foliis* anguſtioribus.

490. *Thymelea* è Cap. b. s. *Myrti* minoris fol.

491. *Vaccinia* Mariana *Balauſtii* fol. flore ruberrimo.

492. *Vaccinia* Mariana *Evonymi* folio ſplendente.

493. Vaccinia *Marian.* flore purpureſcente ſtaminoſo.

494. Vaccinia *Marian.* tubuloſo fl. majore. From Maryland.

495. *Vanilliæ facie* ſiliqua Frutex *Madraſp.* foliis cuſpidatis.

496. *Vaſcalifera veſicoſa* calyce majore, *è Cap. b. s.* Planta foliis *Leucanthemi* villoſis.

497. Verbenaca *Taxi* foliis minoribus, flore ſpecioſiore ſtaminibus lanuginoſis *è Cap. b. s.*

498. Um-ki *Chinenſibus.* Frutex *Cneſbati* fructu alato tinctorio, barbulis longioribus coronatis. The fruit is a famed ingredient uſed by the Chineſe for dying ſcarlet.

499. Urtica *Marian.* mitis, ſpicis ſpecioſâ prætenui.

500. *Xeranthemum* ſpeciſum, *è Cap. b. s.* fl. albo maximo.

CENTURIA SEXTA & SEPTIMA.

Papiliones Exotici, Foreign Butterflies.

501. Papilio albus, apicibus nigris, ſubtùs elegantèr maculatus, *è Caribæana.* Weſt-Indies.

502. Papilio *Alpinus* ex albo nigroque variegatus, Iride rubente oculatus. From Norway and the Alps.

503. Papilio *Luſitanicus* Sulphureus, crocco colore ſuperfuſus. About Liſbon and Leghorn.

504. Papilio *Marianus* minor luteus, extremitatibus ſupernè nigris. From Maryland.

505. Papilio *Caudatus* luteus, maximus, *Virginianus*, limbis ſtriiſque nigris. *P.* diurnus maximus, maximam partem flaveſcens, reliquam pene nigricans. Hollar. Tab. 4. fig. 1. Moſſet's great yellow and black Virginia Butterfly. From Boſton in New-England, &c.

506. Papilio caudatus *Chinenſis* nigro & luteo palleſcente variegatus. I take this and the next to be male and female.

507. Papilio caudatus *Chinenſis* ex nigro & fulvo variegatus. Theſe two from Emuy, China.

508. Papilio caudatus *Marianus* fuſcus, ſtriis palleſcentibus, lineâ & maculis ſanguineis ſubtùs ornatus. From Maryland.

509. Papilio caudatus *Jamaicenſis* nigreſcens, utrinque ex viridi aureo ſplendidè ſtriatus. Jamaica.

510. Papilio *Javanicus*, ſupernè fuſcus, infernè aureus, areis & maculis albis utrinque circumdatus. From Batavia.

511. Papilio *Guinenſis & Ind. Orient.* nigreſcens, oculatus, liturris ocroleucis, utrinque interſperſis. Guinea-Hen-Butterfly. Indies and Guinea.

512. Papilio *ſeu* Oculus Pavonis *Marianus* fimbriâ luteſcente marginatus. The Maryland yellow-brimmed Peacock's Eye.

513. Papilio *Marianus*, utrinque fuſcus, areâ palleſcente alis ſuperioribus, bioculatus. The brown Maryland double-eyed Butterfly.

514. Papilio *Prutennicus* fuſcus, flexionibus maculiſque albis & aureis, ſubtùs diverſis coloribus variegatus. The ſeptennial Pruſſia Butterfly. From Pruſſia; appear but once in ſeven years.

515. Papilio *Mexicanus* nigreſcens, lineâ luteſcente, areâ notabili miniaceâ. This elegant Butterfly at La Vera Cruz.

516. Papilio minor aureus, maculis nigris apicibus alarum tranſparentibus, e Capite Bonæ-Spei.

517. Papilio e *Carthagena* ex luteo & viridi ſubtùs ornatus, maculis plurimis nigris, 2 coccineis inſigniter notatus. At Carthagena in America.

518. *Papilio* Javanicus *Calendulaceus*, ſeu *Pap.* fuſcus flavo mixtus, humeris ſubtùs ſanguineis. This rare Fly, from Batavia.

519. Papilio *exoticus* aureus, maculis argenteis & nigris ſubtùs eleganter aſperſus.

520. Papilio *Rigenſis* aureus minor, maculis argenteis ſubtùs perbellè notatus. From Riga.

521. *Papilio* Marianus *Fritillaricus* nigreſcens, tribus coloribus ſubtùs eleganter lunulatus. Maryland.

522. *Papilio* caudatus *Marianus* maximus nigreſcens maculis croceis, ſerie ſimplici ſubtùs ornatus.

523. *Papilio* Novæ Angliæ *caudatus*, major, nigreſcens, maculis croceis ſubtùs circumſcriptus, baſi ex cœruleo vireſcente reſplendens. From Boſton in New-England, and Carolina.

524. Papilio *Marianus* nigreſcens caudatus, maculis croceis duplici ſerie ſubtùs incurvatus.

525. Papilio *Novæ Angliæ* aurantiacus, maculis albis, limbis & venis anguſtis nigricantibus. Boſton in New-England.

526. Papilio *Marianus* aurantiacus, maculis albis, limbis & venis latis nigricantibus. This and the laſt are male and female.

527. Papilio *Carolinianus* rufeſcens, limbis nigris, albis guttulis aſperiis. This and the following from Carolina.

528. Papilio *Carolinianus* rufeſcens, limbis nigris, albis guttulis aſperſis, bimaculatus. This and the laſt are male and female.

529. Papilio *Palmenſis* rufeſcens, areis & maculis albis notatus. From Palma, one of the Canary Illands.

530. Papilio *Mexicanus* alis ſuperioribus nigreſcens, inferioribus Aurantiacus, maculis ochroleucis & albis. From the ſame place with No. 515.

Spongia, Fungus, Muſci, Filices, Gramina, Cyperi.

531. Spongia ramoſiſſima Marilandica rufeſcens.

532. Fungus *Typhoides* paluſtris niger *Rigenſis.* From Riga.

533. Muſcus denticulatus *Caledonicus* major perelegans, Filici in modum pinnatus. This elegant plant from Darien.

534. Muſcus *denticulatus* major volubilis, *è Capite Montis Serado.* Africa.

535. Muſcus *Lycopoides* denticulatus ſcandens, in extremitatibus ramulorum polyſpermus, ex Jehore.

536. *Muſcus* denticulatus *Emuyacus* minor erectus. From Emuy, an iſland, China.

537. *Filix* Emuyaca *Plantaginis* aq. folio caule nigricante.

538. *Scolopendria* è Cap. Bonæ-Spei *Phyllitidis* minoris folio.

539. *Scolopendria* Malaccenſis *foliis ſimplicibus & alatis.*

540. *Scolopendroides* maxima *Muſæ* foliis alternis.

541. *Phyllitis* Emuyaca *major ramoſa.*

542. *Filix* maxima *Polypodii* facie maculis ſeminiferis duplici ſerie lineatis.

543. Filix *Malaccenſis* pinnis longiſſimis integris, nervo medio pulverulento. An Lonchitis juxta nervum pulverulenta Plum. p. 20. fig. 29.?

544. Filix *Emuyaca* pinnis longiſſimis integris margine pulverulento.

545. Filix *Emuyaca* pinnis majoribus denticulatis.

546. *Filix* non ramoſa elatior ſeminibus aciniferis.

547. Filix *Emuyaca* pinnis pyramidalibus ſerratis, maculis in nervum oppoſitis. This and the ten laſt from Ja. Cuninghame.

548. *Filix Mariana* minor, foliis biformibus, marginibus pulverulentis.

549. Filix *Emuyaca* fœmina pinnulis *Lonchitidis.*

550. Filix *Emuyaca* fœmina pinnulis anguſtioribus ſubtùs glaucis.

551. Filix bimaculata, pinnulis dentatis. Cape.

552. *Filix* fortè *Caledonica* Peucedani *foliis, vix dentatis.* Darien.

553. Filix *Caledonica*, pinnis alæ *Piſcium* æmulantibus.

554. Filix *Chinenſis* Lonchitidis facie, cujus lanugo Radicis *Poco Sempie* vocatur. *Kim-kaw-ia* (i. e. Canis aurei crines) Herb. noſt. Chinenſ. pict. Tab. 10. fig. 8. Poco ſempie Muſ. R. Soc. 386.

555. *Lonchitis* maxima *Oleandri* folio.

556. *Oſmunda* Mariana *Dryopterid.* folio, in medio caulis *florifera.*

557. Secale *Madraſpat.* majus ſpicâ graciliore.

558. *Gramen* Secalinum *Marilandicum* ſpicâ laxiore ariſtatâ.

559. Gramen *Madraſpat.* majus, cujus locuſtæ ſpinulis eleganter armatæ ſunt. An Tsjama-pullu H. Mal. vol. 12. Tab. 41. p. 75.?

560. Panicum *Madraſpat.* perelegans ſeminibus perlatis.

561. Panicum *Marianum* ariſtatum, ſpicâ longâ multiplici congeſtâ.

562. Panicum *Madraſpat.* rariore grano & ſpicâ.

563. Milium *Madraſpat.* ſpicâ ſimplici prætenue.

564. Milium *Madraſpat.* ariſtatum, foliis & panicula villoſis.

565. Milium *Madraſpat.* paniculâ non ariſtatâ læve.

566. Mi-

566. Milium *Marianum* locuſtis *Avenaceis* purpureis, ſtaminulis luteis. From Maryland.

567. Seſamum Frumentaceum *Madraſpat.* ſpicâ ſimplici cirrosâ.

568. Seſamum Frument. *Madraſpat.* ramoſum, ſpicâ ſimplici *Phœnicoides.*

569. Seſamum granuloſum majus *Madraſpat.* ſpicâ multiplici.

570. *Seſamum* granuloſum bicorne minus, *Madraſpatanum.* An *Tereta-pullu* H. Mal. vol. 12. Tab. 44. p. 81. ?

571. Dactylon *Madraſpat.* pumilum, ſpicis geminis craſſis.

572. Dactylon *Borneocum* bicorne, ſpicâ ſericeâ ferrugineâ ariſtatum. From Borneo.

573. *Dactylon* Madraſpat. *Gr. Mannæ* facie, ſeminibus Cilii inſtar piloſis.

574. *Schœnanthus* major *Madraſpat.* glumis Roſeis.

575. Schœnanthus *Madraſpat.* paniculâ majore, ſpicis villoſis geminis. An Kodi-pullu H. Mal. vol. 12. Tab. 57. p. 107. ?

576. Schœnanthus *Madraſpat.* paniculâ minore, ſpicis villoſis geminis. An Pluk. Phyt. Tab. 119. fig. 2. ?

577. Schœnanthus *Avenaceus* procumbens *Madraſpat.* Bupleuri facie.

578. Amourettes *Guineenſis* major, paniculâ ſpecioſiore. Mr. Edw. Bartar gathered about Cape-Coaſt in Guinea.

579. Amourettes *Madraſpat.* ſpicâ ſimplici Loliaceâ. This curious Graſs from Fort St. George.

580. Arundo *Mariana* plumâ ſericeâ fuſcâ.

581. *Gramen* Arundinaceum *Marilandicum* paniculâ *Miliaceâ* ſparsâ.

582. Bromos *Mariana* ſpicâ pretenui non ramoſa. Maryland.

583. Bromos *Madraſpat.* ſpicâ contractiore ariſtatâ.

584. *Ægilops* capitulis duris ſpicâ longiore. *Gramen* ſive *Feſtuca* altera cap. duris ſpicâ longiore. Phyſick garden at Chelſea.

585. Gramen *Madraſpatanum* minus, *Eryngii* capitulis.

586. Gramen *Citratum* fragrantiſſimum, e *Madraſpatan.*

587. *Cyperus* paniculâ maximâ ſquammosâ, è *Prom. montis Serado.* An Ira H. Mal. vol. 12. Tab. 55. p. 103. ?

588. Cyperus *Marianus* paniculâ ſpecioſiſſimâ aureâ.

589. *Cyperus* longus *Madraſpat.* paniculâ rufeſcente ſpecioſiſſimâ.

590. } Cyperus *Madraſpat.* maximus, { latiore.
591. } paniculâ criſtatâ { contractiore.

592. } Cyperus *Filicinus* { ſparsâ, é *Madraſpatan.*
593. } medius, paniculâ { comosâ, é *Madraſpat.* An *Mulenpallu* H. Mal. vol. 12. Tab. 54. p. 101. ?

594. Cyperus *Filicinus* pumilus elegans ab *Emuy.*

595. Cyperus *Marianus* capitulis Conoidibus, ſquammis membranaceis.

596. *Cyperus* Miliaceus *Madraſpat.* maximus, folio ſupra paniculam latiſſimo.

597. } Cyperus *Madraſpat.* { pumilus capite ſquammoſo,
598. } { minimus *Xanthoides.*

599. Juncus *Madraſpat.* feré tricephalos, ſquamnis tortilibus dentatis.

600. *Juncus* Madraſpat. *Equiſeti* capitulis major.

Plantæ Miſcellaneæ, Ordine Alphabetico digeſtæ.

601. *Acacia* Bengalenſis *Bonduch* folio, filiquis dorſo nervoſis. Bengal, and Fort St. George.

602. Agrifolium *Marianum* fol. latioribus brevioribuſque.

603. Alectorolophus *Marianus* fol. tantum ſerratis, fl. albido.

604. Alypum é *Promont. Bonæ Spei* foliis minimis. Cape.

605. *Ambroſiæ affinis* é Madraſpatan. *Perſicariæ* folio.

606. Anagallis *Mariana* lutea, foliis latis ſtellatis.

607. *Antirrhinum* Marianum *Majoranæ* folio.

608. Apocynum *Marian.* luteum latiſol. ſubincanum.

609. Apocynum *Marianum* foliis anguſtiſſimis ſtellatis. Raii H. Pl. 1926.

610. Arbor *Salawaccenſis* Laurifolio, fructu filo longo terminante, flore ex utriculo quaſi erumpente. Fort St. George.

611. Aſter *Africanus* pumilus longifolius cæruleus.

612. Aſter *Marianus* flor. parvis ſpicatis, anguſtiſſimo fol.

613. Aſtragalus *Salawaccenſis* foliis & filiquis glabris.

614. } { Dipſaci minoris folio.
615. } Baccharis *Marian.* { Inguinalis folio.
616. } { Perſicæ folio.

617. Baccifera *Caroliniana* capreolata *Piſi cordati* folio. An Quauhmecatl, *ſeu* Sarſaparilla 2. Hernand. p. 289. ? At Hoxton.

618. *Baccifera* Madraſpat. *Caſtaneæ* folio non crenato. F. St. G.

619. Baccifera *Madraſpat.* Reniformis major, Caſſiæ fiſtulæ minoris folio.

620. Baccifera diſpermos *Madraſpat.* lanoſa, folio pyramidali.

621. *Baccifera* Madraſpat. *Ribis* more, floribus Muſcoſis Juli inſtar. An Tsjeriam cottam H. Mal. vol. 5. Tab. 11. fig. 21. Raii H. Plant. 1196. ?

622. *Battatas* flore, Frutex *Marianus* Lauri folio. Maryland.

623. *Berberidis facie*, Arbor *Madraſpat.* fol. non ſerrat. An Tsjerou-Cenelli H. Mal. vol. 5. T. 50. p. 99. Raii H. Pl. 1499. ?

624. *Bugloſſum* polyanthos *Chienſe* fol. longiore. From Scio.

624. *Capparis* Madraſpatan. *Balauſtii* folio.

625. *Capparis Zeylanica* duplicatis ſpinis folio acuto. Zeylon.

626. *Capparidis facie* Pl. *Madraſpat.* fruct. & ſpinis gemellis.

627. *Celaſtri* folio glauco Arbor, è *Prom. Bonæ Spei.* Lepelhout vulgò.

628. Chryſanthemum *Madraſpat.* fol. trifido.

629. *Chryſanthemum* Marianum *Scrophulariæ* folio, caule alato. From Maryland, where they call it Stickweed.

630. Clematis *Marian.* foliis ſubrotundis & trifidis.

631. *Coccifera* Madraſpat. *Caparadis facie* ſpinoſa, fructu Umbellæ modo naſcente.

632. Coccifera *Buxi* foliis oblongis & ſubrotundis, fructu cuſpidato calyce amplo, è *Madraſpatan.*

633. *Collumettee*, Planta *Madraſpatana*, floribus labiatis ad radicem conglomeratis. At Fort St. George.

634. *Convolvuli* capſula Frutex *Madraſpat.* Ulmi *min. fol.*

635. *Criſta Pavonis* auriculata non ſpinoſa ſiliquis Membranaceis è *Madraſpatan.*

636. Erica floribus albidis, ſtaminulis rubris. Cape.

637. Erica carnea foliis & floribus villoſis. Cape.

638. Eſula *Mariana* flore ſingulari, longo pediculo affixo.

639. *Euphraſia* Madraſpat. *Melochiæ* fol. flor. verticillatis.

640. *Fagara* Emuyaca *Cardamomi* ſapore, ramulis & medio nervo foliorum utrinque ſpinoſis. Seems to agree with the Fagara minor, from the Philippine iſlands, where it is called Cayutana.

641. Fagus *Mariana* foliis acuminatis ſerratis.

642. Ficoides *Africana* folio craſſo muricato. This ſtrange plant in a garden at Enfield.

643. } Flos ſolis *Marianus* foliis { binis anguſtiſſimis ſcabris.
644. } { alternis anguſtiſſimis ſcabris.

645. Fœnum Græcum majus, è *Salawacka.*

646. Geranium *Africanum* Quinquefolii *Tormentillæ* facie. May 9. 1697. biſhop's garden at Fulham.

647. *Gnaphalium* odoratum *Prom. b. s.* floribus exiguis albis capitulo congeſtis.

648. Hedyſarum trifoliatum *Madraſpatanum* Lujulæ folio, *Ferri Equini* filiquis.

649. Hedyſarum trifol. *Madraſpat.* filiquis membranaceis aſperis. This and the laſt from Fort St. George.

650. *Hermannia* Inſtitut. Rei Herbariæ. *H.* flore exiguo luteſcente, tortili, calyce inflato. This elegant plant flowered luxuriantly in the garden of Mr. Watt at Enfield.

651. Imperatoria Ranunculoides minor, è *Prom. Bonæ Spei.*

652. Lauruſtinus Oleæ fol. Slangerhout vulgò. Cape.

653. Lens paluſtris *Roris Solis* foliis cordatis. Ponds at Henley in Suffolk.

654. Ledum glabrum, foliis ſubtùs intortis & lanugine ferruginea veſtitis. This elegant ſhrub found in flower, June 24, 1699, in Newfoundland.

655. Lino affinis polycarpos *Marian.* Satureiæ foliis.

656. Lotodendron *Madraſpatan.* fol. longiore pubeſcente.

657. *Lychnis* Indica *Gentianæ* foliis Febrifuga. *Giritilla* Zeylonenſibus.

658. Malva fruteſcens *Prom. Bonæ Spei* flore carneo fundo purpureo. In flower, Enfield gardens.

659. Mango ſylveſtris *Madraſpat.* fructu *Ceraſi.*

660. Melampyro affinis *Madraſpat.* repens hirſuta, capſ. ſpin.

661. Nucleifera *Salawaccenſis* Filiformis *Yuccæ* folio.

662. *Orchides* epidendron *Salawaccenſis* Viſci folio.

663. *Padus* Marianus *Manchinellæ* fol. flor. minoribus.

664. *Padus* Marianus *Cynocrambes* fol. flor. majoribus.

665. *Palma* Angolenſis *Rottang* fol. fructu Gallæ magnitudine.

666. Panel *Madraſpatana* folio anguſtiſſimo mucronato, fructu majore. An Narum Panel H. Mal. vol. 2. Tab. 10. p. 11. Raii H. Pl. 1639. ?

667. *Periploca* Mariana *Convolvuli* majoris folio.

668. Planta *Mariana* capitulis albis conglobatis.

669. Plantago *Luſitanica* cauleſcens, *Lagopi* capitulis. Plants from Liſbon.

670. Plantago *Mariana* ſpicâ pretenui.

671. Praſſium *Madraſpatan.* folio latiſſimo. An Tsjadaen H. Mal. vol. 10. Tab. 88. p. 175. ?

672. Prunus racemoſa *Celaſtri* fol. *Werala* Zeylonenſibus.

673. Pulegium *Carolinianum* Thymi odore. Garden, Hoxton.

674. Pulegium longiſſimis latiſſimiſque foliis. Cat. Plant. Jam. 64. At Barbadoes.

675. Pyrola *Marylandica* minor, folio mucronato *Arbuti.* This the Rev. Mr. Hugh Jones ſent from Maryland.

676. Rapunculus *Doriæ* folio pileſo ex *Inſula Joannis.*

677. Rapunculus *Linariæ* folio, denticellis paucis & vix conſpicuis, ex *Inſula Joannis.*

678. Rhus trifoliatæ facie Frutex *Salawaccenſis*, flor. Juliformibus.

679. *Santalum rubrum* quibuſdam, *Arbor Orientalis* Ponnæ *facie.* An *Tsjerou-Ponna* H. M. vol. 4. T. 39. p. 81. Raii H. Pl. 1537. ?

680. *Senecio* Madraſpatana *Rapifolio*, floribus maximis, cujus *Radix* à nonnullis *China* dicitur.

681. Tamariſcus *Madraſpatanus* Cupreſſi facie. An Tamarix Ægyptia arbor C. B. 485. ?

682. Tamariſci folio arbor *Chinenſis*, è cujus *Ligno fiunt Sagittæ.* Hoſe Diu Herbar. Noſtr. Chinenſ. pict. Tab. 9. fig. 4.

683. Taxi fructu arbor *Madraſpatana* Laurifol.

684. Telephium Portulacæ folio *Prom. Bonæ Spei.*

685. Tetragono fructu *Turbith* folio arbor magna, è *Monte Tripetee.*

686. *Thymelea Taxifolio* latiore apice obtuſo. Cape.

687. Tilia *Mariana* foliis lobatis ſpiniferis.

688. Toddali *Madraſpatan.* foliis leviter crenatis ſubtùs argenteis. An Mallam Toddali H. Mal. vol. 4. Tab. 40. p. 83. Raii H. Pl. 1597. ?

689. Toddali ſpinoſus *Madraſpat.* medio nervo ex altera parte folii percurrente.

690. Tri-

690. Tricapſularis Fructus, è capite *Janci utriculati* facie planta. Cape.

691. Triorchis *Mariana* elatior utrinque florida.

692. Vaccinia *Africana* foliis decuſſatis cordi formibus. This elegant plant from the Cape.

693. *Vaccinia* Mariana *Staphyladendri Africani* folio.

694. *Verbenaca* Mariana *Roſæ Chinenſis* folio, ſeminibus deorſum tendentibus. In Maryland.

695. *Vibarnum* Marianum *Ribis* folio.

696. Vitis *Madraſpat.* fructu azureo fol. ſubrotundo & anguloſo.

697. *Waga* Madraſpatana *Senæ* foliis, ſiliquâ latâ compreſſâ ubi ſeminibus inflatâ. An Waga H. Mal. vol. 6. T. 5. p. 9. Raii H. M. 1766. ?

698. *Waga* Madraſpatana *Mimoſæ* foliis pinnatis, ſiliquis maximis compreſſis.

699. *Waga* Madraſpatana *Mimoſæ* foliis, floribus parvis ſpicatis.

700. Waga *Madraſpatana* ſpinoſa *Mimoſæ* foliis, floribus parvis ſpicatis.

CENTURIA OCTAVA.

Animalia & Foſſilia, Anglica & Exotica.

A. 701. ARaneus *Anglicus* coccineus minimus. Exiguus coccineus vulgò *Anglicè a Tant* dictus. Liſt. Hiſt. Animal. Angl. 100. fig. 38. In gardens, &c.

702. Araneus *Indicus* coccineus major. Viziagapatan.

A. 703. Buccinulum *Anglicum* heteroſtrophon oblongum, ſtriis capillaceis. *Buccinum* exiguum, pullum, 12 orbium Liſt. Hiſt. Conchyl. Lib. 1. fig. 39. Liſt. Hiſt. An. Angl. 123. fig. 10. At the bottom of old trees. Muſ. noſtr. 16.

704. Buccinulum *Romanum* heteroſtrophon oblongum gyris maculatis. Rome. Theſe twirl-liſts are ſpeckled with white, in which it differs from the laſt.

705. Buccinum album minus, coſtis eleganter elatis. An Cochlea variegata, ſtriis raris admodum eminentibus exaſperata Liſt. H. C. l. 4. ſ. 5. fig. 51. ?

706. Cantharus *Bengalenſis* è viridi cuproſus, binis maculis medio vaginarum palleſcentibus. Bengal.

707. Cantharus *Madraſpatan.* vaginis et pedibus rubris, cæteris viridibus, ſcapulâ inſtar *Digitalis* punctatâ. Its ſhell wings are ſcarlet, but the ſhoulders green, and pounced like a thimble. From Fort St. George.

708. Capricornus *Americanus* perelegans vaginis albis, ex aureo nigroque pulchrè ſtriatis. From Campeachy.

709. Capricornus *Barbadenſis* major, viridis odoratus. Like our muſk-beetle, but larger. At Barbadoes they are plentiful, and called the Maſtick-Fly.

710. Concha Veneris parva, Hepatici coloris, ventre albo. It is about the bigneſs of a Lucca (Luke) Olive.

711. Concha Veneris *Maldivica*, parva, alba, trifaſciata. *Parva*, candida, tribus latis faſciis nigricantibus depicta Liſt. H. C. l. 4. ſ. 9. fig. 10. *Concha Veneris* minor ex albo cæruleſcens. Batavia.

712. Concha Veneris *Orientalis* fuſca, dorſo maculato, apicibus carneis. *parva*, ventre & lateribus flaveſcentibus, ipſo linguæ canali lævitèr purpuraſcente, dorſo maculato, flavis & innumeris puncturis candido Liſt. H. C. l. 4. ſ. 9. fig. 38. Tipped at each end with a faint purple. Batavia.

713. Concha Veneris *Mauritiana*, minor ſeſſilis, coſtis caſtaneis dorſo maculoſo. *Magna* ventre lato rimâ albidâ, lateribus nigricantibus, dorſo fumno albis maculis depicto Liſt. H. C. L. 4. S. 9. fig. 50. From Fort St. George and Batavia.

A. 714. Libella Anglica media, fluviatilis omninò viridis. By rivers ſides about Midſummer. The wings are greeniſh, without clouds.

A. 715. Libella Anglica media, fluviatilis, viridis, alis nebulatis. Very common by brooks ſides from June to Autumn.

A. 716. Nerita Anglicus maritimus flaveſcens vulgatiſſimus. Nerita citrinus Liſt. H. C. l. 4. ſ. 6. fig. 39. Nerita XI. Liſt. H. A. A. 164. fig. 11. This and the next differ only in colour, and are common together.

A. 717. Nerita Anglicus maritimus fuſcus vulgaris. Nerita XI. Liſt. H. A. A. 164. fig. 11. *Nerita* coloris caſtanei Liſt. H. C. l. 4. ſ. 6. fig. 39. Common on our coaſts, amongſt rocks.

A. 718. Nerita *Thamenſis* exiguus reticulate variegatus. *Nerita* fluviatilis è cæruleo vireſcens, maculatus operculo ſubrufo lunato & aculeato datus Liſt. H. A. A. 136. fig. 20. *Nerita* fluviatilis è cæruleo vireſcens, maculatus operculo ſuberocco aculeatoque donatus Liſt. H. C. l. 2. par. 1. fig. 38. This ſmall ſhell is elegantly ſpotted. I have found them on the river-bank oppoſite Chelſea college.

719. Papilio *Madraſpatanus* fuſcus, lituris cæruleis corruſcans. From Fort St. George.

720. Papilio *Orientalis* fuſcus, umbrâ cæruleſcente albò baſi circumſcripta. Differs from the laſt in having its white ſpots larger, and the blue caſt leſs vivid.

721. Papilio *Madraſp.* croceus, nigris maculis aſperſis albiſq; ſerie marginatus. Vary in bigneſs, perhaps from their ſex. About Fort St. George, in November.

722. Papilio *Carolinianus* caudatus nigredine & ochroleuco variegatus. This elegant fly caught in March and April. Aſhly river, S. Carolina.

723. Papilio *Orientalis*, è piſiſido vireſcens, ſtriis nigris, eleganter lineatis. This curious Butterfly from the Eaſt-Indies.

724. Papilio *Luſitanicus* caudatus pallidus, ſtriis fuſcis elongatis. Hollar. tab. 8. fig. 1. Frequent about Liſbon.

A. 725. Patella *Anglica* parva prætenuis Cymbuli-formis, lineis cæruleis guttatis. *Patella* minima lævis pellucida aliquot cæruleis lineis eleganter inſignita Liſt. H. C. l. 4. ſ. 1. fig. 27. About Falmouth.

726. Patella *Michowaica* Cymbæ formis maxima. Patella magna fulva lateribus paululum compreſſis denſè & leviter ſtriata Liſt. H. C. l. 4. ſ. 1. fig. 25. In Eaſt-Indies, and at the Cape.

727. Pectunculus albus *Guineenſis* major, coſtis elatis ſtriatis. Liſt. H. C. l. 3. fig. opt. 164. The Fiſtular Oyſter. Cape Coaſt.

728. Pectunculus an foſſilis ? minor, *Muſco-viticus*, coſtis elatis & ferè lunulis muricatis. Found in the river Dohn, between Warronitz and Azoff.

729. Phalena plumata permaxima *Orientalis* oculata. This noble Phalena was firſt ſent me from Jacobus Breynius at Dantzick: it was nine inches between the tips of each wing. I have ſince received it from the Eaſt-Indies.

730. Phalena plumata permagna *Guineenſis* oculis binis majoribus. This and the next off the coaſt of Guinea.

731. Phalena plumata major *Guineenſis*, fuſca, oculata, alis inferioribus acuminatis.

732. Phalena plumata major, ſupernè & infernè variis coloribus marmoreatis & maculatis. Carolina.

733. Phalena plumata caudata *Mariana*, vireſcens, oculata. This elegant Moth from Maryland.

A. 734. Plan-orbis terreſtris *Anglicus*, umbilico minore, margine acuta. *Cochlea* pulla ſilvatica ſpiris in aciem depreſſis Liſt. A. A. 126. fig. 14. *Cochlea* noſtras umbilicata pulla Liſt. H. C. l. 1. p. 29. fig. 68. I have found it in the hedges between Charlton and Woolwich.

A. 735. Plan-orbis foſſilis *Surrienſis*, umbilico majore, margine acuta. *Verticillus* foſſilis minor ſeu *Trochites* compreſſus umbilicatus Luid. Lithoph. Brit. 416. An Trochites Muſ. Sibbald. 65. ? In a clay-pit near the wells at Richmond. Larger than the laſt, otherwiſe like it.

736. Unicornu *Braſilienſe*, orbibus ſulcatis ſtriis fuſcis. Liſt. H. C. l. 4. ſ. 5. fig. 60. An inch and three quarters long, with about ten twirls. From Braſil.

A. 737. Unicornu *Cantianum* foſſile, faſciis muricatis. An Turbinites Muſ. Sibbald. 65. ? Gravel-pits near Woolwich.

738. Unicornu *Batavicum*, ſex ſtriis, ſingulis orbibus ornatum. *Cochlea* alba denſè & acutè ſtriata Liſt. H. C. l. 4. ſ. 5. fig. 54. About eighteen twirls, in each of which are ſix ribs. Batavia.

739. Unicornu foſſile *Cantianum* orbibus compreſſis aſperis. This comes neareſt the figure of Lhuid in his Lithoph. Brit. tab. 7. No. 359. Found with No. 737. but more rare.

740. Unicornu *Moluccanum*, gyris planis, maculis fuſcis duplici ſerie ornatum. *Buccinum* dentatum, clavicula longiſſima, læve, binis faſciis ex maculis quadratis magnis ex fuſco rufeſcentibus depictum Liſt. H. C. l. 4. ſ. XI. fig. opt. 70. On Flores Iſle.

Arbores, Frutices, &c. TREES, SHRUBS, &c.

741. ACroſticon *Madraſpatan.* foliis laciniatis.

A. 742. Acroſticon parvum *Septentrionale*. Ray H. Pl. 141. cap. 7. In Wales, on the rocks of Edinburgh park, from the phyſick-garden of that city, and from Norway.

743. Adiantum pectinatum. Cape.

744. Alcea *Caroliniana* fl. parvo ſaturatè purpureo. From Ch. Town, S. Carolina. It flowers and ſeeds in March and April.

745. Alcea *Madraſpatan.* majus, fol. trilobato, calyce plumoſo. This rare Plant, and the following, from Fort St. George.

746. Alcea *Madraſp.* Ranunc. Auricomi folio, calyce plumoſo. I have ſeen this in flower at Enfield.

747. Arbor *Javanica* latifolia, pulchrè variegata. An Tsjeriamaram Hort. Malab. vol. 6. tab. 61. p. 113. Ray Hiſt. Plant. 1733. cap. 19. No. 2.

748. Arbor *Javanica* folio anguſtiore variegato. This and the laſt from Batavia.

749. Armeniaca fol. acuminato. Phyſick-garden at Oxford.

750. Botrys *Mexicana* odoratiſſima. *Botrys* Americana Raii H. Plant. 196. No. 4.

751. Botrys odoratiſſima lignoſa. This differs from the laſt in being a ſhrub and woody. I ſaw it this ſummer at Enfield.

752. Camanbaya *Caroliniana* cinerea. *Viſcum caryophylloides* tenuiſſimum, è ramulis arborum Muſci in modum dependens, foliis pruinæ inſtar candicantibus, flore tripetalo, ſemine filamentoſo. Cat. Plant. Jam. 77. This grows on moſt great trees in Carolina. Dr. Sloan obſerved it common in Jamaica.

753. Camarinna *Luſitanica* erecta. *Frutex* Luſitanis *Camarinas* dictus. Ray H. Pl. 1630. c. 4. pl. 1. About Liſbon.

754. Camarinna *Septentrionalis* ſupina. *Empetrum* montanum fructu nigro Raii H. Pl. 1631. c. 4. pl. 2. From Norway. Found in moiſt mountainous heaths in the North of England.

755. Capillaris *Barbadenſis*, pinnulis quadratis. Adiantum nigrum minus non ramoſum, pinnulis majoribus craſſis Trapezii in modum figuratis. Cat. Plant. Jam. 21. From Barbadoes.

756. Capillaris *Jamaicenſis* elatius, pinnis triangularibus. *Adiantum* ramoſum foliis Trapezii dentatis Plum. 31. tab. 46. *Adiantum* nigrum non ramoſum majus, furculis raris, pinnulis denſis, craſſis, minimis, criſtatis & Trapezii in modum figuratis Cat. Pl. Jam. 21. From Jamaica.

757. Capillaris *Chinenſis* pinnulis rotundioribus. Fern from China.

758. Cha-

758. Chamæſyce major hirſuta *Indiæ utriuſque.* Chamæſyce *Americana* major, floribus glomeratis Cynocrambes folio hirſuta Breyn. Prodr. 3. p. 31. Tithymalus botryoides *Ceylanicus* repens cauliculis villoſis. From Guinea, Fort St. George, and China. See its virtues in Dr. Trapham's State of Health in the Iſland of Jamaica, pag. 138.

759. Chamæſyce *Guineenſis* lignoſa, *Peplios* fol. About C. Coaſt.

760. Coral arbor exotica non ſpinoſa, Lauri folio. *Criſta di Gallo* Luſit. In flower, from a garden at Lisbon.

761. Darea *Tunbrigenſis* minor. *Muſcus* montanus Italicus Adianthi foliis Bocc. Muſ. Plant. 24. tab. 2. Vid. Raii Hiſt. Plant. append. 1583. deſcript. This elegant Plant from the rocks near Tunbridge-Wells.

762. Darea *Americana* major pubeſcens. *Filicula* digitata Plumier Inſt. Rei Herb. 542. Like the laſt, but bigger and hoary. This and the next in America, by Plumier.

763. Darea *Americana* Lichenoides. *Adiantum* muſcorum Lichenis petræi facie Plum. p. 34. fig. 50. *Phyllitis* ſcandens minima, Muſci facie, fol. membranaceis ſubrotundis Cat. Pl. Jam. 15.

764. Digitalis *exotica* floribus albis ampliſſimis. This elegant Plant in flower, Sept. 26, 1700. Garden at Fulham.

765. Erica è *Cap. Bonæ Spei* hirſuta, ſtaminulis purpureis è capitulis albis lanoſis. The leaves hairy, otherwiſe like No. 396. Muſei noſt. Dr. W. Sherrard gave it me. Cape Heath.

766. Erica *Capenſis* umbellata aſpera. *Erica* Africana *umbellata flore purpureo* Act. Medic. Hafniens vol. 2. p. 57. fig. Erica *Africana* Juniperi folia *flore oblongo umbellato* Inſtit. R. H. 603. Erica *Coris folio* hiſpido *Corinthoides* Africana Breyn. Cent. 25. cap. 13. fig. opt. At the Cape.

767. Filicula *Madraſpatana* foliolis furcatis ex apice prolifera. This altogether new Fern about Fort St. George.

768. Filix ſcandens *Malaccenſis* mire ludens. This elegant Fern in the Straits of Malacca.

769. Fraxinus *Mannifera* rotundiore folio. Chelſea.

770. Fraxinus folio anguſtiore, ſpinulis ſerratis. From Liſbon.

771. Galbanifera vulgaris è *Capite Bonæ Spei.*

772. Galbanifera è *Capite Bonæ Spei*, ſegmentis tenuioribus. An undeſcribed Cape Plant.

773. Gale *Mariana* Aſplenii folio. Chelſea.

774. Gale *Capenſis* Ilicis coccigeræ *folio.* In fruit; ſmells very pleaſantly whilſt growing, and much coveted by the birds. Grows on the ſand-hills about the Cape.

775. Heliotropium *Barbadenſe* Lavandulæ *folio lanuginoſo.* Cat. Pl. Jam. 93. Plenty at Jamaica and Barbadoes. Sea-Lavender.

776. *Heliotropium* Madraſpat. *Myoſotidis* folio. Fort St. George.

A. 777. Juniperus *Alpina* humilis, *Sabinæ* odore. *Juniperus* Alpina *minor* Ger. Ray H. Pl. 1413. No. 4. On the hills in Wales and Weſtmorland they call it Savin.

778. Juniperus *Bermudenſis* ligno rubente odorato Park. 1029. 4. *Cedrus* Americana Ray H. Pl. 1413. 5. *Cedar* Park. 1671. The Cedar of Bermudas.

779. Kadali *Madraſpat.* major, folio latiſſimo hirto. An Katou-Kadali H. Mal. v. 4. tab. 43. p. 91.?

780. Kadali *Madraſpat.* minor capſulis piloſis. *Caunampoondoo* Malab. Act. Phil. No. p. 592. pl. 42. An Tſierou-Kadali H. Mal. v. 4. tab. 44. p. 93.?

781. Knawel *Madraſp.* argenteum.

781. Knawel *Madraſpat.* aureum. Pulandee Malab. Act. Phil. No. p. 589. pl. 33. An Katu-Mailoſima H. Mal. vol. 10. tab. 66. p. 131.? Differs from the laſt in having its flowering-tufts yellowiſh.

782. Lauro-Ceraſus vulgaris Hortenſium. *Laurocraſus* Cluſ. Hiſt. 4. fig. Pann. 2. fig. Common. The Laurel.

783. Lauro-Ceraſus *Luſitanicus* minor ſpecioſius. *Laurocraſus* Luſitanicus *minor.* Aſarero *Luſitanis.* From Liſbon.

784. Lewiſanus *Capenſis*, foliis Capillaceis. This new genus from the Cape.

785. Lewiſanus *Capenſis* Juniperi *Bermudiani* folio. *Cupreſſo-Pinnulus* Cap. Bonæ Spei Breyn.

786. Matricaria *Madraſpat.* flore pleno flaveſcente. *Matricaria* flore aureo pleno *Camli* Mſs. fig. Ugeahuy *Sinis.* Roſa de Japon *Hiſpan.* in *Luzone.* An Tſjetti-pu H. Mal. v. 10. tab. 44. p. 91.? Vary much in the colour of the flowers, and eſteemed by the Chineſe and Japoneſe as a great ornament in their gardens.

787. Nummularia *Norvegica* repens, fol. dentato, floribus geminis. From Norway.

788. Onobrychis *Indiæ* Orientalis, *Fagi* foliis alternis, filiculis ſpicâ longâ diſpoſitis.

789. Onobrychis *Madraſpat.* triphylla, filiculis clypeatis villoſis, geniculis ſingulis biniſve.

790. Onobrychis *Madraſpatan.* triphylla, filiculis eleganter foliaceis.

791. Oſmunda *Virginiana* Cicutæ folio. *Adiantum* album floridum *Cicutæ* foliis *Virginianum* Ray H. Pl. 1854. 7. From Maryland and Carolina.

A. 792. Oſmunda *Weſtmorlandica* foliis tenuiſſimè diſſectis. *Adiantum* album floridum *ſeu* Filicula *petræa criſpa* Ray H. Pl. 153. 3. *alb. florid.* S. F. petræa criſpa perelegans Ray Synopſ. 26. ed. 2. p. 51. 10. *Filix* montana florida perelegans *ſeu* Adianthum *album* floridum Ray Cat. Angl. Filix *botrytis* minima *ſive* Filicula petræa florida *Anglica*, foliis plurifariam diviſis H. Ox. ſ. 14. p. 593. tab. 4. fig. 4. Firſt obſerved in England by that patron of botany Mr. Ray, in Orton pariſh, and other places of Weſtmorland; and ſince that, on Snowdon hill in North-Wales, by Mr. Edw. Lloyd.

793. *Perexil* Malabaric. *Parietariæ* folio. *Scheru-bula* H. Mal. vol. 10. tab. 29. p. 57. *Herniariæ* Species *Comel.* in H. Mal. v. 10. p. 57. Fl. Mal. 159. pl. 4. id. tol.

794. Polypodium *Malabaricum* foliis biformibus. *Polypod. m* Indicum H. Malab. v. 12. tab. 11. p. 23. Herb. noſt. Chineuſ. tab. 9. fig. 13. At Mount Serado in Africa, and Java. From Fort St. George. It is alſo found on ſeveral trees in Malabar.

795. Polypodium è *Trinidado*, foliis valde piloſis.

796. Randalia *Madraſpat.* Graminis folio globuliſer. At Fort St. George.

797. Tubularia ſanguinea. Tub. purpurea Ray H. II. 64. pl. 7. The red fiſtular Alcyonium Muſ. Regal. Soc. 279. Muſ. Sibbald. 53. Coral gathered in the Eaſt-Indies.

A. 798. Tubularia foſſilis. Found in the Stone-pits at Orford in Suffolk.

799. Uvedalia ſpinoſa. Chryſanthemum *Africanum*, fruteſcens ſpinoſum. This plant being of a new genus, viz. a Bacciferous Chryſanthemum, the firſt time I ſaw it in flower was with the Rev. Dr. Uvedale at Enfield. I diſtinguiſh this tribe by his name.

800. *Uvedalia* Virginiana *Platani* folio molli. *Chryſanthemum* perenne majus *Platani Orientalis* folio H. Ox. ſ. 6. p. 22, 57. tab. 7. fig. An *Doronicum* maximum *Americanum* latiſſimis angulosis foliis rad. tranſparenti H. A. Lugd. Bat. 222.?

COLLECTIONS ſince my 4th and 5th Centuries.

MR. James Brayſford, a Turkey merchant, preſented me with Four Books of Plants, which he gathered about Jeruſalem, the mountains of Bilan, the banks of Euphrates and Jordan: And to each plant he procured its Name, in Arabick, French, and Latin, from the phyſicians of thoſe parts.

Mr. Jezreel Jones has rendered me the meaning of ſeveral Arabick characters.

Mr. Edmund Bohun, and Mr. R. Ellis, I am obliged to for a Collection of Plants in S. Carolina, laſt March and April; and ſeveral rare Inſects and Reptiles.

Mr. J. Dickinſon, Plants from Bermudas.

Mr. J. Fox, Four Books of Plants from Bengal, with ſome Inſects, Shells, &c.

Mr. G. Franklyn, ſome Plants about Charles Town, Carolina.

Capt. Edmund Halley gave me what Plants he collected on the iſland Trinidado.

Dr. Godfried Klem, one of the Czar's phyſicians, ſent me a Collection of Plants gathered about Moſcow, with ſome Animals, &c. which he obſerved in a voyage between that city and Azoff; alſo ſome curious Shells from Persia.

Mr. Keir and Mr. Barklay, ſurgeons, preſented me with ſome Plants they collected in China.

Mr. John Staremberg, Plants from the Cape, ſome very curious and altogether new, gathered near 800 miles up the country.

CENTURIA NONA & DECIMA.

ANIMALS and FOSSILS.

A. 801. AUris marina *Anglica* nobis. Liſter Animal. Angliæ Hiſtor. p. 167. fig. 16. A. m. noſtras Muſ. Sibbald. 130. art. 2. Liſt. Hiſt. Conchyl. lib. 4. ſect. 7. tab. 611. fig. 2. *Patella* altera major *Belon.* aquatil. 395. fig. The SEA-EAR, Mother of Pearl, and by ſome Norman Shell. Theſe are found on our coaſts, but not common.

A. 802. *Balanus* Anatifera Muſ. Sibb. 170. 2. C. A. margine lævi Liſt. H. C. 2, 3. tab. 440. fig. 283. Flat Centre-Shell Muſ. Reg. Soc. 148. BARNACLE-Shell. On ſhips from the Eaſt-Indies.

A. 803. *Balanus* maximus ore patulo Liſt. H. C. l. 3. tab. 443. fig. 285. On the ſides of foul ſhips.

A. 804. Balanus *noſter* parvus vulgaris Liſt. A. A. 196. fig. 41. opt. B. parvus ſtriatus Liſt. H. C. l. 3. tab. 444. fig. 287. Commonly grow on other ſhells, as Oyſters, Muſcles, &c.

A. 805. *Buccinum* fluviatile noſtras oblongum majus. *Buccinum* longum ſex ſpirarum omnium & maximum & productius ſubflavum, pellucidum, in tenue acumen ex ampliſſima baſi mucronatum Liſt. A. A. 137. fig. 21. Liſt. H. C. l. 2. tab. 123. fig. 21. In moſt ſtanding ponds about London.

A. 806. *Buccinum* fluviatile *noſtras* oblongum minus. *Buccinum* minus fuſcum, ſex ſpirarum, ore anguſtiore Liſt. H. C. 139. fig. 22. This differs from the laſt in being leſs, its mouth narrower, and ſhell thicker.

A. 807. *Buccinum* fluviat. *noſtras* breve, ore patulo. *Buccinum* pellucidum ſubflavum quatuor ſpirarum mucrone acutiſſimo, teſtæ aperturâ omnium maximâ Liſt. A. A. 139. fig. 23. B. *ſubflavum* pellucidum quatuor orbium ore ampliſſimo, mucrone acuto Liſt. H. C. l. 2. tab. 123. fig. 22. In the New-River.

A. 808. *Buccinum* fluviat. *minus.* teſtâ pratenui fragili. *Buccinum* ſubflavum pellucidum trium ſpirarum Liſt. A. A. 140. fig. 24. B. *ſubflavum* pellucidum trium orbium Liſt. H. C. l. 2. tab. 123. fig. 23. Bonan. 119. fig. 54. 1. id. Ital. I obſerve this thin brittle ſhell in ſlow running rivers, among the reeds and bulrushes.

A. 809. *Buccinum* marinum *minus*, costis ſaſciatis & ſtriatis. B. *craſſum* rufeſcens ſtriatum & undatum Liſt. A. A. 156. fig. 2. B. *breviroſtrum* tenuiter ſtriatum pluribus undatis fasciis distinctum Liſt. H. C. l. 4. ſect. 15. tab. 962. fig. 14. Muſ. Sibb. 150. art. 2. 1. On our coaſts.

A. 810. *Chama* lata & compreſſa *noſtras.* *Chama* ſuica lata planior Liſt. H. C. l. 3. tab. 415. fig. 259. Cancha longa lataque in mediis cardinibus cavitate quadam Pyriformi inſignis. Liſt. A. A. 170. fig. 19. Found on the ſhores of Lancaſhire and Yorkſhire.

A. 811. Chama *noſtras* ſtriis capillaceis. *Chama* fuſca ſtriis tenuiſſimis donata Liſt. H. C. l. 3. tab. 423. fig. 271. CLAMS, and by ſome PURRS. I obſerved theſe on the ſhores near Maldon in Eſſex. From Liſbon and St. Ube's.

812. Chama *Indiæ utriuſque* ſtriata, extremitatibus intùs ferè violaceis. An Chama *diffuſior*, intùs violacea ſtriata ex purpura radiata Liſt. H. C. l. 3. tab. 425. fig. 273. From Pulo Verara, an iſland in the Straits of Malacca, and the Weſt-Indies.

A. 813. *Cochlea* maritima *noſtras* craſſa, faſciata. *Cochlea* fuſca, faſciis crebris anguſtiſque prædita Liſt. A. A. p. 162. Found about Scarborough, called COVINS.

A. 814. Cochlea *fluviatilis* vivipara *Londinenſis*. Cochlea *maxima* fuſca ſive nigricans faſciata Liſt. A. A. 133. fig. 18. C. *vivipara* faſciata Liſt. H. C. l. 2. tab. 126. fig. 26. In the Thames, and at the New-river head.

A. 815. Cochlea *fluviatilis* vivipara *Cantabrigienſis*. Cochlea *vivipara* altera noſtras teſtâ tenuiori, Fluvii *Cham.* Liſt. H. C. Mantiſſ. tab. 1055. fig. 6. Reſembles the laſt, but thinner and neater.

A. 816. Glycymeris *Cornubienſis* craſſa marmorata. An *Pectunculus* ingens variegatus ex rufo Liſt. H. C. l. 3. tab. 247. fig. 82.? The Multi-articulate Oyſter. Muſ. Reg. Soc. 144. tab. 12. fig. 5. From Falmouth.

A. 817. Libella *maxima* nemorum, pulchrè variegata. An Hollar. tab. 6. fig. 5.? I obſerved this beautiful Adderbolt in Cane wood.

A. 818. Libella *major* corpore compreſſo cœruleſcente. This and the next are often ſeen about ponds, July, &c.

A. 819. Libella *major* corpore compreſſo flaveſcente. I take this and the laſt to be male and female.

A. 820. Muſculus *maritimus* vulgatiſſimus edulis. M. ex cœruleo niger Liſt. A. A. 182. fig. 28. Liſt. H. C. l. 3. tab. 362. fig. 220. The common SEA-MUSCLE.

821. Muſica *Americana* vulgaris. Buccinum *Muſicum* craſſum claviculâ muricatâ Liſt. H. C. l. 4. ſect. 11. tab. 805. fig. 14. This beautiful Shell is common on the ſhores of Jamaica, &c.

A. 822. Oſtrea vulg. eſculenta. O. vulg. max. intùs argenteo quodam ſplendore albeſcens Liſt. A. A. 176. fig. 26. Liſt. H. C. l. 3. tab. 193. 4. fig. 30 & 31. The common OYSTER.

A. 823. Oſtrea *perlata*, capite foraminoſo Liſt. H. C. l. 3. tab. 205. fig. 29. The Perforated PEARL-OYSTER. On our own and neighbouring coaſts.

824. Oſtrea *Americana* arborea ſulcata Liſt. H. C. l. 3. tab. 197, 8. fig. 32. American TREE-OYSTER. Theſe vary in ſhape according to the twigs they grow on. Common in Barbadoes, &c.

A. 825. Papilio *albus* vulgaris major Liſt. in Goed. p. 16. fig. 7. The Greater White Cabbage-Butterfly. This and the next produce caterpillars which feed on the cabbage.

A. 826. Papilio *albus* vulgaris minor Liſt. p. 22. fig. 8. id. A. p. 12. tab. 1. fig. 8. Hollar. tab. 11. fig. 2. id. Wit. tab. 1. fig. 1. The Leſſer White Cabbage-Butterfly. This and the laſt are common in the fields and gardens in ſummer.

A. 827. Patella vulgaris *Anglica*. P. ex livido cinerea ſtriata Liſt. A. A. 195. fig. 40. Frequent on our coaſts.

828. Patella *Capenſis* ſtriis verrucoſis. P. *ſubfuſca* exiguis tuberculis ſecundum ſtrias exaſperata Liſt. H. C. l. 4. ſect. 1. tab. 536. fig. 15. From the Cape.

A. 829. Peſten major *noſtras* vulgaris. P. *maximus* circiter 12 ſtriis admodum craſſis & eminentibus, & iiſdem ipſis ſtriatis inſignitus Liſt. A. A. 184. fig. opt. 29. Liſt. H. C. l. 3. tab. 163. fig. 1. About Portland.

A. 830. Peſten minor *noſtras*, ſtriis plurimis minoribus. An *Pecten* Liſt. H. C. l. 3. tab. 181. fig. 18.? At Deal.

A. 831. *Pectunculus* fluviatilis *noſtras* Nuciformis. P. *ſubviridis* parvus ſubglobоſus Liſt. H. C. l. 2. tab. 159. fig. opt. 14. Liſt. A. A. 150. fig. 31. In the rivulet between Lord Peterborough's and the Neathouſes; and by the Thames at low-water.

A. 832. Pectunculus *maximus* craſſus noſtras nigricans. P. *maximus* ſubfuſcus valde gravis Liſt. H. C. l. 3. tab. 272. fig. 108. H. C. l. 3. tab. 269. fig. 105. In Lancaſhire and Yorkſhire, and in the mouth of the river Tees.

A. 833. Pectunculus *maximus* craſſus, lævis, ferè radiatus. An P. gravis ſubfuſcus radiatus Liſt. H. C. l. 3. tab. 268. fig. 104.? A very fair one from the iſland of Purbeck; alſo from Cornwal.

A. 834. Pectunculus *max.* foſſilis *Richmondianus* Liſt. H. C. tab. 512. fig. 66. At Richmond in Surry, near the wells.

A. 835. Pectunculus *marit.* Liſt. A. A. 189. fig. 34. P. *capite* minore rotundiore & magis æquali margine Liſt. H. C. l. 3. tab. 334. fig. 171. The common COCKLE.

836. Pectunculus *Guinenſis* ex uno latere altè inciſus. An P. orbicularis ex altero latere prælongis latiſque dentibus conſpicuis Liſt. H. C. l. 3. tab. 330. fig. 167.? This is deeply indented on one ſide with a reddiſh bluſh, otherwiſe it reſembles the laſt. From Cape-coaſt in Guinea.

837. Pectunculus *Jamaicenſis* ſtriis ferè muricatis. P. *tenuis* modo ruber, modo citrinus, ſtriis nunc ex parte, nunc ex toto muricatis Liſt. H. C. l. 3. tab. 322. fig. 159. From Jamaica and Carolina.

838. Pectunculus *Carolinianus* maximus. P. *magnus* maculatus intùs leviter rufeſcens Liſt. H. C. l. 3. tab. 328. fig. 165. Dr. M. Liſter gave me this from Carolina. Like our common Cockle, but is near as big as an oſtrich's egg.

839. Pectunculus lunatus *Amer.* albus, craſſus, ſulcâ ſingulari notatus. P. *albus* admodum craſſus ſinu ſive ſulcâ conſpicuus Liſt. H. C. l. 3. tab. 305. fig. 138. This is common to Jamaica, &c.

840. Pectunculus *Carolinianus* ovalis albus politus. An P. *lævis* aut certè admodum tenuiter ſtriatus tenuis margine dentatâ flaveſcens & interdum purpuraſcens Liſt. H.C. l. 3. tab. 249. fig. 83. From Carolina and Jamaica.

A. 841. Pectunculus minimus lævis intùs argenteus, cardine ſerratâ GAZOPHYL. noſt. NAT. & ART. Decad. 2. tab. 17. fig. 9. Little Silver-Cockle, on our own coaſts.

842. Pectunculus lunatus *Virginianus* ſubrotundus ac valde compreſſus. An P. *albidus* denſè faſciatus latiſſimus admodum planus Liſt. H. C. l. 3. tab. 288. fig. 124. From Virginia and Carolina.

843. Siliquaſtrum *Rigenſis* Limacis cinerei facie GAZ. noſt. NATURÆ & ART. Dec. 2. tab. 17. fig. 3. This foſſil from Riga.

A. 844. Solen *noſtras* vulgaris. S. *major* ſubfuſcus rectus Liſt. H. C. l. 3. tab. 409. fig. 255. Concha *fuſca* longiſſima anguſtiſſimaque muſculo ad cardinem nigro; quibuſdam *Solen* dicta Liſt. A. A. 192. fig. 37. The SHEATH-FISH, Muſ. Reg. Soc. 143. or RAZOR-FISH, Charlt. Piſc. 67. SPOUT-FISH, Muſ. Sibb. 167. In Cornwall, Calega. Found in winter, after ſtorms.

845. Trochus *Barbadenſis* magnus, ex albo nigroque undatus. T. *maximus* lævis & nigro maculatus Liſt. H. C. l. 4. ſ. 8. tab. 640. fig. 30. From Jamaica and the Bahama Iſlands.

A. 846. Trochus maritimus *noſtras* orbibus elatis. An T. *planior* undatim ex rubro radiatus Liſt. H. C. l. 4. ſ. 8. tab. 641. fig. 32. Near as big as our Garden-Snail, Muſ. noſt. 13. Its navel large and ſcrewed, and lower twirls ſomewhat knobbed.

A. 847. Trochus *Anglicus* ſpiralis. T. *pyramidalis* variegatus, limbo anguſto in ſummo quoque orbe circumdatus Liſt. H. C. l. 4. ſ. 8. tab. 616. fig. 1. Liſt. A. A. p. 166. fig. 14.

A. 848. Trochus *Anglicus* ſpiralis minor. An T. pyramidalis parvus ruberrimus, faſciis crebris exaſperatus Liſt. H. C. l. 4. ſ. 8. tab. 616. fig. 2. Much leſs than the laſt, has a ſmall navel, with about five diſtinct twirls.

A. 849. Trochus *noſtras* lineis latis obliquè rubentibus. Liſt. H. C. l. 4. ſ. 8. tab. 641. fig. 31. This pretty umbilicated Shell is about the bigneſs of a hazel-nut, on our ſhores.

A. 850. Trochus *noſtras* lineis anguſtis obliquè rufeſcentibus. An T. crebris ſtriis ſaicis & tranſverſè & undatim diſpoſitis donatus Liſt. A. A. 166. fig. 15.? The ſpots and lines in this are much ſmaller, brownish, and finer than the laſt; and ſcarcer.

Plantæ Miſcellaneæ, ordine alphabetico.

851. ADhatoda *Malaccenſis* flore rubro, Parietariæ folio nonnihil ſerrato.

852. Adhatoda *è Promont. Tricuſpidato* folio majore, floribus verticilli modo denſè ſtipatis. This and the following at Cape Tres Puntas, near Cape-coaſt, Guinea.

853. Adhatoda *Prom. Tricuſpidat.* folio anguſtiore, floribus paucioribus.

854. Adhatoda *Suratenſis* Lauri folio ſpicata, flore barbato.

855. Adiantum pumilum, ſegmentis anguſtioribus rigidis, *S. Helenæ.*

856. Alga *Capenſis* denticulis capillaceis, veſicalis lyratis.

857. Amelanchier *Chuſanenſis* folio parvo ſubrotundo rigido. From Chuſan, an iſland near China.

858. Androface *Chuſanenſ.* Cortuſæ *Matthiol.* folio.

859. Angola *Chuſan.* Pruni folio, calice amplo.

860. Anonymus *Chuſan.* floribus ſpicatis, petalis tribus anguſtis.

861. Apios *ex Inſulis Crocodilorum* folio latiori brevi. In the three Crocodile Iſles, lying in 26 deg. lat. and about ſix leagues from the river Hockſieu in China.

862. Aphyllanthes *Capenſis* ſpicâ ſingulari.

863. Arbor *Capenſis*, folio digitato, flore ſpicato.

864. Arbor *Chuſan.* Lauro-ceraſi folio ſerrato.

865. Arbor *Chuſan.* Lauri folio ſerrato ſubtùs molli, virgulis verrucoſis.

866. Arbor Lauri folio craſſo coriaceo rigido, ex *Combuys* Inſula. Iſland near Java, Jun. 19, 1701.

867. Arbor *Emuyaca*, flore minimo ſtamineo albente, Ilicis fol.

868. Arbor *Javanica*, fructu Charamei.

869. Arbor *Malaccenſis*, Caſtanei foliis.

870. Arbor *Zeylanica*, FORTUNATA quibuſdam dicta.

871. Arum *Widenſe* Sagittariæ facie, pediculis ferè ſpinoſis. Gathered at Wida in Guinea, by Mr. Skeen, ſurgeon.

872. Arundo capitulis acerоſis *è Capite Bonæ Spei.*

873. Arundo Phalaroides, *è Cap. Bonæ Spei.*

874. Aſarum flore minimo, *ex Inſula S. Helenæ.*

875. After *Chuſan.* foliis ſuperioribus integris, inferioribus Coronopi.

876. } Baccifera *Chuſan.* { racemifera, Loti arboris folio.
877. } { racemoſa, Arbuti folio.
878. } { Theæ folio.

879. Baccifera *Crocodyl.* Celaſtri folio.

880. Baccifera *Emuyaca* diſpermos ſcandens Flamulæ facie.

881. Bartarius ſeu Arbor *Guinenſis* floribus Periclymeni comoſis. This beautiful Tree from Cape-coaſt.

882. Bocras *Malaccenſibus*, Arbor Urucu fol. Nuce aſtringente.

883. Boiſow *Javanenſibus*, Arbor Pruniformis, fructu lacteſcente.

884. } Bulboſæ facie planta *Widenſis* { Galangæ folio.
885. } { Yuccæ folio latiore.

886. Calamintha *Chinenſ.* Teucrii folio, flore ſtaminoſo.

887. Camphoroſmos *Chuſan.* flore piloſo.

888. Carambu *Emuyac.* Perſicariæ foliis hirſutis.
889. Carambu *Widenſ.* Perſicariæ foliis glabris.
890. Caucalis *Capenſis* Fumariæ folio glauco. I have ſeen it in the garden of the Ducheſs of Beaufort, at Badmington.
891. Ceraſus *Chuſan.* floribus minoribus plenis.
892. Chamærhododendron *Chuſan.* fl. albo, Myrti Roman. fol.
893. Chamærhododendron *Chuſan.* flore cœruleo, foliis & calycibus hirtis.
894. Chamæſyce *fortè* lignoſa, foliis denſè ſtipatis, *è Cap.*
895. Chriſtophoriana *fortè* Emuyaca, ſpinoſa, Mori folio molli.
896. Chuſanicus *ſeu* Planta capreolata Arb. Judæ folio, flore ſpicato.
897. Clematis *Chuſan.* folio cordato umbilicato.
898. Coccifera *Crocodil.* Pimienta *Jamaicenſis* folio.
899. Cocculus Reniformis ſcandens *Emuyacus*, Cotini folio ſubtùs molli.
900. Conophorus *Capenſis* folio anguſto ſummo dentato.
901. Convolvulus *Carolinianus*, flore minore ſanguineo. Flowered plentifully in a garden at Hoxton.
902. Conyza *Chuſan.* piloſa, folio Sonchi integro.
903. Crotolaria *Prom. Tricuſpid.* Cupang folio ſubtùs molli.
904. Cynogloſſum *Chuſan.* ſummo latè ramoſo.
905. Cytiſus *Crocodil.* foliis parvis ſubtùs villoſis.
906. Dentellariæ fructu Arbor *Madraſpat.* ſpinoſa.
907. Dracontii folio pediculis nerviſque ſpinoſis, Planta *Malac.*
908. Duriones facie Arbor *Benghalenſis.*
909. } Euonymus { *Chinenſ.* Glycyrrhizæ folio.
910. } { fortè *Chuſan.* Berberidis folio.
911. } { *Crocodil.* Lauro-ceraſi folio.
912. } { *Emuyacus* Pervincæ majoris folio, baccâ ſolitari, vaſculo bipartito vel tripartito inclusâ.
913. Eupatorium *Crocodilian.* Leonuri folio.
914. Fagara *Madraſpat.* foliis Aurantiis ternis.
915. *Fagi* foliis minoribus Planta ſcandens *Caroliniana.*
916. Ficus *Chuſanenſis*, Mori folio.
917. Ficus *Chuſan*, minima nigreſcens fol. integro, ſupernè ſcabro, ſubtùs molli. It bears fruit in September.
918. *Ficus* fortè *Chuſan.* folio vulg. facie ſed molliori.
919. Ficus *Malaccenſis* fol. oblongo integro, ſubtùs albicante.
920. *Ficus* fortè *Prom. Tricuſpidat.* folio oblongo magno crenato.
921. *Ficus* fortè *Prom. Tricuſpidat.* folio acuminato ſerrato, baſi latiore.
922. *Ficus* fortè *Prom. Tricuſpid.* folio trifido.
923. Ficus *Widenſis*, folio lato cuſpidato, margine tranſparenti.
924. Ficus *Widenſis*, folio nonnihil crenato, ſubtùs pulchrè venoſo.
925. Frutex *Crocodil.* foliis alatis ſubrotundis glaucis ſubtùs albidis.
926. Frutex *Crocodil.* Fagi foliis parvis venis ſubtùs purpureis.
927. Fucus latiſſimus membranaceus carneus, *è Cap. b. s.*
928. *Gambogium* fundens arbor, Fagi folio permaximo ſubtùs holoſericeo.
929. Geranium *Capenſe*, Hederæ anguloſæ ſolio. This ſingular and beautiful Cape-Plant I ſaw in the Ducheſs of Beaufort's garden at Badmington, near Bath.
930. Hai-hoa *Chinenſibus* flore albo, ſiliquis gummoſis articulatis.
931. Ham-ſhaw *Chinenſ.* Arbor flore albo, calyce hirſuto.
932. Jacea *Caroliniana*, Salicis folio crenato.
933. Jacea *Carolin.* Salicis folio non crenato capitulis piloſis. Theſe two elegant Plants from Gooſe-creek in Carolina.
934. Jacobæa *Capenſis* Cardui folio ſubtùs albicante. An *Jacobæa* Africana *Sonchi* folio Oldenl. Inſtitut. Rei Herbar. 487. 3. This I gathered in flower, amongſt many other uncommon ſorts of Ragwort, in the Dſs. of Beaufort's garden at Badmington.
935. Jacobæa *Chuſan.* folio lato.
936. Jujubæ folio minore, planta repens *Chinenſis.*
937. La boe *Chinenſ.* Arbor flore luteo, foliis acutis binis decuſſatis.
938. Lactuca *Emuyaca* perfoliata, Sonchi folio.
939. Lauro-ceraſi folio ſuffrutex ſcandens *Malaccenſ.* lacteſcens.
940. Lauri folio rigido alato Arbor *Malaccenſis.*
941. Lauri folio maximo Arbor *Prom. Tricuſpid.* floribus filamentoſis ſpicatis.
942. Lauri folio Arbor *Pr. Tricuſpid.* apice verruculis dentato.
943. Lotus arbor *Emuyaca*, Betulæ folio.
944. Lupulus *Chuſan.* minor, Rubi folio.
945. Mandiocæ facie Arbor *Pr. Tricuſp.* foliis ſubtùs lanuginoſis.
946. Melilotus *Capenſis*, flore ſpecioſiore.
947. Nicotianæ folio anguſto lanuginoſo Frutex, *Pr. Tricuſpid.*
948. Oxyacanthus *Chuſan.* Pyracanthæ folio.
949. Patsjotti *Pr. Tricuſpid.* floribus minoribus. This is very like the Katou-Patsjotti Hort. Malab. vol. 5. tab. 7. p. 13. & S. B. vol. 3. 98 & 136. Act. Phil. No. 271. p. 845.
950. Perſicaria *Chinenſ.* folio ſubtùs albido.
951. Periclymeni flore Frutex *Emuyac.* Pervincæ majoris folio.
952. Periclymeni flore Frutex *Suratenſis*, Perſicariæ folio ſubtùs albente.
953. Phaſeolus *Chuſan.* ſiliquâ hirtâ folio anguſtiſſimo.
954. Phaſeolus *Chuſan.* ſiliquâ hirtâ folio latiore.
955. Phaſeolus *Guineenſ.* fol. ſubrotundo, *Lentis* ſiliquâ.
956. Phyllitis *Chuſan.* ramoſa, pinnis alternis baſi ſuperiore auriculatis.
957. Pimenta *Chuſan.* Buxi folio, floribus filamentoſis.
958. Pimenta *Chuſan.* Meliſſæ folio, flore petaloſo.
959. Planta *Caroliniana* ſcandens, Fagi folio minore pulchrè venoſo. This pretty climber at the Dſs. of Beaufort's, Badmington.
960. Planta *Guineenſ.* Polygonati folio cuſpidato denſè *ſtipato.*
961. Plantaginis aquaticæ facie Planta *Widenſis*, foliis alternis.
962. Pruni ſylv. facie Frutex *Emuyacus*, ſpinis ferè foliоſis.
963. *Pyracanthæ* folio frutex, floribus ſpicatis muſcoſis.
964. Quinquefolium *Chuſan.* folio ſubtùs incano albo.
965. Ricinus *Chinenſ.* Sebifera, Populi nigræ folio.
966. Ricinus *Emuyac.* Verbaſci folio, fructu farinaceo.
967. Ricophora *Javanica* trifoliata, Malabathri folio.
968. Ros ſolis *Chuſan.* perelegans, caule folioſo.
969. *Roſa* fortè *Chuſan.* Trichomanis folio.
970. Rubiæ facie Planta *Crocodil.* cordato folio.
971. Ruyſchiana, *Echii* flore Planta *Capenſis* Carthami folio, Aparines fructu. This ſtrange Cape Plant Dr. Fred. Ruyſch ſent me from Amſterdam.
972. Samolus *Emuyac.* Rotiſmarini folio.
973. Samolus *Guineenſ.* floribus racemoſis, foliis capillaceis interſperſis.
974. Scandens *Emuyaca*, capreolata planta, foliis cordatis ſerratis.
975. Serratula *Chuſan.* folio haſtato.
976. Serratula *Chuſan.* folio ſubtùs incano albo.
977. Siliquifera *Chuſan.* Fraxini folio, fructu holoſericeo.
978. Shewkow *Chinenſ.* folio oblongo ſerrato nervoſo.
979. Shuran *Chinenſ.* Arbor trifoliata, floribus minimis racemiferis.
980. *Stæchadis* Spica, Planta *Chuſan.* Galeopſis folio.
981. Styrax *liquida* folio minore, *ex Inſula Emuy.*
982. Taxi folio Arbor *Japonenſis*, *Singlee* dicta.
983. Thea *Chuſan.* floribus majoribus, folio Alaterni ſerrato.
984. Thea *Chuſan.* floribus minoribus, folio Alaterni cuſpidato.
985. Thea *Chuſan.* ſylveſtris non potabilis. The flowers much the ſame with the common, but the leaves leſs and thicker.
986. Trachelium *Carolin.* flore purpureo uno verſu diſpoſito, Aſclepiadis folio.
987. Vaccinia *Chuſan.* flore tubuloſo, Pruni folio.
988. Valeriadendron *Madraſpatan.* minus.
989. Viburnum *Chuſan.* Spinoſum, folio digitato.
990. Vitex *Crocodil.* foliis oppoſitis Arbuti.
991. Vitis facie frutex *Emuyac.* foliis ſerratis integris & tripartitis.
992. *Vitis* fortè *Emuyac.* folio trifido dentato.
993. Ulmi folio minore frutex *Chuſan.*
994. Ulmi folio minore ſplendente *Emuyac.*
995. Volubilis *Chinenſ.* Lauro-ceraſi folio minore.
996. Waga *Guineenſ.* ſpinoſa, Mimosæ foliis hirſuta.
997. Yang diu *Chinenſ.* Arbor Salicis folio ramulis pendulis. Frequently painted on Japan work. Of its wood they make arrows.
998. Yahap *Chinenſ.* Arbor flore albo, foliis Manna veneto.
999. Zizyphus *Chuſan.* foliis ſubtùs argenteis, floribus minoribus.
1000. Zizyphus *Chuſan.* Suberis folio, ſubtùs punctato.

Explanation of the Marks and Abbreviations.

☞ denotes it new, or but doubtfully deſcribed.
A. a native of England.
Act. Phil. Tranſactions of the Royal Society.
Liſt. De Inſect. in J. Goedart, à M. Liſter, M. D. 1682, 4to, 1685, 8vo.
—— *A.* Hiſt. Animal. Angliæ *gallicè. Lond.* 1678, 4to.
—— *app.* Append. ad Hiſt. Animal. Angl. *gallicè. Lond.* 85, 8vo.
—— *H. C.* Hiſt. Conchyliorum, lib. 4. *ibid.* 1685. fol.
Mal. in the margin, there it to be a native of Malabar.
Offic. of medicinal uſe in the ſhops.

De

De SCARABÆIS & BOMBYLIIS Anglicanis:

OR,

An Account of ENGLISH BEETLES and BEES.

THIS Treatiſe may appear a ſubject unworthy notice, to thoſe who do not conſider their immenſe profuſion of Colours, their efficacy in Phyſick, great uſe in Dying, &c. To inſtance but a few: HONEY; WAX; SILK, which attires the Rich, and feeds the Poor; the COCHINEEL's rich Dye and Cordial; the power of CANTHARIDES externally, and, corrected, a great Diuretick internally; the daily uſe of MILLEPEDES in ſweetening the Blood, and correcting ill Juices, often experienced in Scrophulous caſes: and I doubt not but there are many other Inſects no leſs efficacious, which time and experience may diſcover.

They are not deſtitute even of Political and Mechanical knowledge, as the Induſtry of the ANT, the wonderful Mechaniſm of the SPIDER's Web; their Coffins, and Changes from the Egg, Caterpillar, Chryſalis, &c. from Land to Water, from Water to Air; their different ſtated Times, in their Changes, of a few Hours, Days, Weeks, Months, (ſome in the Moth ſtate living but Six Hours, and ſome remaining in the Chryſalis Seven Years); in Their momentary lives, in arts ever perfect, We ever improving; their Parental Sagacity in placing their Chryſalis's and Eggs from the inclemency of weather, and the more deſtructive hands of man; the Symmetry in the Architecture of almoſt the whole Winged, &c. Creation, ſufficiently demonſtrate. Our principal arts are from animate and inanimate; Navigation from Shells, Wool-combing from the Bur, Weaving from Spiders, &c. He muſt be daring who attempts many of their labours. Therefore let no one ſcoff at them, but recollect, that what GOD deigned worthy of his creation, requires our contemplation and wonder: and let us with the Holy Pſalmiſt admire, and ſay, "Oh, how wonderful are thy works, O Lord! in wiſdom haſt "Thou made them ALL!"

We ſhall range this Claſs according to the ſhape of their *Antennæ*, or Horns.

CAP. I.

SCARABÆI Cornubus *Pectinatis*, or COMBERS,

Becauſe the Horns of theſe Beetles end pectinated like a Comb, as is obvious in that figured in Petiver's Gaz. Tab. 19. No. 2.

1. SCarabæus *Pectinarius* maximus *Cervus volans* dictus. *Cervus volans* fœmina Mouffeti Inſector. p. 148. fig. Stag-Beetle, or Flying Buck. A large and ſpecious Beetle, taking its name from the likeneſs of its *forcipes*, or pincers, reſembling ſtags horns: theſe are ſerrated towards the points on the inſides, and forked at the tip: the ſheaths and theſe are of a cheſnut colour; the head and ſhoulders black: About two inches long, of which the ſheath is ſomewhat the ſhorter half, but more than half an inch broad. Theſe appear, in warm evenings about Midſummer, in ſeveral places near London, as Greenwich Park, Woolwich, Enfield Chace, &c. The horn-like pincers of this creature have been ſeen to move, two days after its being ſeparated from the body.

2. Scarabæus *Pectinar.* maximus, forcipibus minoribus. *Cervus volans mas* Mouffet. p. 141. Stag-Pincer. The body of this reſembles the laſt in ſhape and ſize; but its *forcipes* are only crooked pincers, inſtead of ſtag-like antlers. Theſe are found where the others are. Mouffet has given a good figure of this in the firſt page of the Appendix to his Hiſtor. Inſector.

3. Scarabæus *Pectinarius* major, forcipibus aduncis. Leſſer Stag-Pincer, wholly black, and much leſs than the laſt. I do not remember where I found it, and have only ſeen another with Mr. Dandridge.

4. Scarabæus *Triceros* niger, antennis pectinatis Gaz. tab. 23. fig. 3. Bull-Comber, is about the ſize of a haſel-nut, of a ſhining black; the ſheaths furrowed, but back ſmooth: in the midſt of the head ſtands a ſhort horn, with one much longer, and ſtrait on each ſide, reaching near to the tip of the noſe. Theſe I have met on Hampſtead Heath, in cow-dung, in April and May, but not common.

5. Scarabæus *Pediculoſus* Muſei Pet. 9. Great Louſy Beetle, is the ſize of a large nutmeg, black, with a ſhining luſtre of copper or purple; its ſheaths ſtreaked, and back ſmooth like the laſt; frequently met with from ſpring to autumn, and generally has many ſmall lice under its belly; commonly found in cow-dung, and on the wing in autumn-evenings.

6. Scarabæus *Pediculoſus* minor. Leſſer Louſy Beetle. In all things this reſembles the laſt, but is not above half ſo big.

7. Scarabæus *Pediculoſus* minimus. Leaſt Louſy Beetle, about the ſize of a horſe-bean, found with the next and two former.

8. Scarabæolus *fimarius*, vaginis rubris ſtriatis. Small Red Dung-Comber. The head of this is black and ſmooth; the ſheath furrowed and red. It is not above half ſo big as the laſt.

9. Scarabæolus *fimarius*, vaginis fuſcis ſtriatis. Small Brown Dung-Comber. The ſheaths of this are brown; otherwiſe like the laſt, but leſs.

10. Scarabæolus *fimarius* vaginis fuſcis ſtriatis nubilatis. Small Brown Clouded Dung-Comber. This differs not from the laſt, but in having clouded ſheaths; met with in the ſpring under cow-dung, and often flying.

11. Scarabæus *arboreus* major Caſtaneus Gaz. tab. 19. fig. 2. Common Tree-Chaffer; a large brown Beetle, with ribbed ſheaths, and blackiſh back and target: the ſides of its body are eminently marked with white triangular ſpots: the tips of the *antennæ*, or horns, are the moſt conſpicuous and comb-like of any I have yet met with, as you may ſee by the figure. Common in Hampſtead, and other woods, moſt part of the ſummer, and are food to many birds.

12. Scarabæus *arboreus* major, antennis minoribus. Common Tree-Chaffer, with ſmall combs. The comb-horns of theſe are much ſmaller at the ends than the laſt; otherwiſe very like: this often happens, as a note of diſtinction, between male and female, in divers other inſects.

13. Scarabæus *Pectinatus* minor villoſus Gaz. tab. 22. fig. 9. Hoary Tree-Chaffer. Theſe are much leſs than the two former, hoary, and more rare to be met with.

14. *Scarabæus* minor *Filicinus* Gaz. Nat. 22. 4. Bracken-Clocks, about the ſize of peaſe, with brown ſheaths, and black or green ſhoulders; common about Midſummer on the female fern or brake; ſaid to be good bait for fiſh.

15. Scarabæus *Pectinar.* viridis, elytris quaſi fractis Gaz. 23. 12. Green Chaffer, is pretty large, of a ſhining changeable green, with whitiſh cracks croſs the ſheaths, by which it is known; often found amongſt roſes, and on willow-trees, ſucking its honey-dew in May.

16. Scarabæus *Pectinar.* viridis, elytris aſperis. Green rugged Chaffer; ſame ſize, but ſomewhat rough-coated; its ſheaths very little cracked, but more on the tail.

17. Scarabæus *Pectinar.* oblongus niger, vaginis latis obtuſis. Black Bob-tail, near half an inch broad, and one long; wholly black; its neck protuberant, as are its ſhoulders in divers places; the ſheaths ribbed and pounced; the tail cirrated, or hair-fringed. Mr. Dandridge once found this in a ſaw-pit near Woolwich in April, with whom I have only ſeen this and the laſt.

18. Scarabæus *Gallicus*, è nigro croceoque mixtus Gaz. Nat. tab. 13. 6. Orange-girdled Comb-Clock. It is about half an inch long, and a quarter broad; the ſheath liſted with black and orange. Dr. Krieg got this about Paris; figure as above. Seen ſince in Cain Wood.

19. Scarabæus niger *capitatus*. Small Black Turtle-noſe. This little Beetle, when taken, draws in its head like a turtle, that at firſt view you would think it had no head, or had loſt it. I caught this flying by the Boarded River. They are found in cow-dung. There are two ſizes of them.

20. Scarabæus minor *fimarius*, ſcutâ latâ ferè aculeatâ. Small horned Dung-Comber, about the ſize of peaſe, having a broad brown back, with a helmet-head and a thorn often in the middle; its ſheaths broad and ſhort, ſpeckled black and buff. I have found them plentifully in cow-dung in May.

SECT. II. COCHINEEL BEETLES, or LADY-COWS, are ſmall Beetles, of a ſemiglobular form, generally round and ſpotted, ſome few without, and others longiſh.

GENUS I. The following have an orange or pale yellow ground, more or leſs ſpotted.

21. Cochinella *Anglica* vulgatiſſima, ſ. rubra ſeptem nigris maculis notata Gaz. 21. 3. Common Lady-Cow, has generally ſeven black ſpots on an orange-ground, but ſometimes varies. Met with moſt part of the ſummer; known even to children, with whom they are a ſport.

22. *Cochinella* minor crocea, maculis plurimis zonatis. Small Girdle-ſpotted Lady-Cow, not half ſo big as the common; its ſhoulders ſpeckled; the ſheaths ſpotted in rows, viz. three in the upper girdle, ſix in the middle, and four near the tail.

23. *Cochinella* crocea, maculis plurimis ſtramineis guttata. Steel's Straw-ſpotted Lady-Cow, leſs than the common, and differently ſpotted, viz. one next the head, three in the midſt, two lower ſomewhat larger, and one at the tip in each wing, all of a ſtraw colour; in a garden at Denham-court, near Uxbridge.

24. *Cochinella* minor crocea, duodecim maculis notata. Small twelve-ſpotted Lady-Cow, about the ſize of the laſt, but differently marked, viz. three rows of four ſpots in each line.

25. *Cochinella* minor crocea, decem maculis ornata. Glandvil's ten-ſpotted Lady-Cow; one of the ſmalleſt ſize; its head and back ſpeckled, beſides thoſe of the ſheaths, which are ſix in a row in the midſt, and one in each, both above and below.

26. Cochinella *Anglica* bimaculata, ſ. minor rubra, Gaz. 21. 4. Double-ſpotted ſmall Lady-Cow; ſize of the laſt, with a black ſpot in the midſt of each ſheath, and a white one on each ſide of its head. I have met with divers of theſe on roſe-buſhes about September.

27. Co-

27. *Cochinella* parva fulva immaculata. Small Buff Lady-Cow; a very ſmall beetle without ſpots. On the lime trees in St. James's Park, about the end of Auguſt. Mr. Dandridge.

28. *Cochinella* parva lutea, maculis plurimis nigris aſperſis. Dandridge's ſmall, Spotted Yellow Lady-Cow, are of the leaſt ſize, having pale ſheaths, with about twenty ſpecks, beſides thoſe on its back or ſhoulders. Caught by him in April, between Blackheath and Eltham.

29. *Cochinella* parva lutea, maculis & meandris nigris. Dandridge's Blotted Yellow Lady-Cow; ſize of the laſt, but the ſpots and turnings large, each colour equally mixed. Found in Cain-Wood.

30. *Cochinella* parva lutea, maculis oblongis. Petiver's Long-ſpotted Yellow Lady-Cow; one of the ſmalleſt ſort; its ground straw colour, as its head, but ſhoulder black; its ſheaths ſprinkled with large longiſh black ſpots.

GEN. II. Spotted Cochineel, on a black ground.

31. *Cochinella* nigra parva, ſex maculis ſanguineis. True Engliſh Cochineel; the ground black, the two ſpots next the head much the largeſt, the two middle ones leſs, and at the tips very ſmall. This ſcarcely differs from the true American Cochineel, but is ſomewhat leſs.

32. *Cochinella* nigra parva tetramaculata Gaz. 69. 10. Four-ſpotted Engliſh Cochineel. Want the two ſpots at the tail, otherwiſe the ſame. Both pretty common, and I believe male and female. On roſe-trees, about Sept. with No. 26.

33. Cochinella nigra parva, maculis plurimis croceis. This and the next I have ſeen with Mr. Dandridge.

34. *Cochinella* nigra parva, maculis plurimis luteſcentibus. This and the laſt I take to be male and female.

35. *Cochinella* ſimaria nigricans, apicibus ſubrubris. Size of No. 31. Found in cow-dung in the ſpring.

GEN. III. Longiſh Cochineel, with or without ſpots.

36. *Cochinella* oblonga crocea, major, tetramaculata. Long Spotted Lady-Cow. Sheaths tawny, with two black ſpots near the ſhoulders, and two in the middle larger; its head wholly black. Found in Cain Wood, on the oak and haſel, moſt part of the year.

37. Cochinella *Occidentalis* oblonga, rubra, tetramaculata Gaz. 21. 5. Glanvill's Cow-Lady, with four ſpots. The ground of this is of a briſk red; the four black ſpots very large, conſidering the ſize of the Beetle. Caught in the Weſt of England.

38. *Cochinella* oblonga media, maculis nigris plurimis. *Scarabæus* oblongus aureus, maculis tredecim in vaginis ornatus Gaz. 19. 9. Six ſpots on each wing, and one on the ſiſure; its ſhoulders black, with yellow edges.

39. *Cochinella* oblonga media, maculis nigris paucioribus. Same ſize with the laſt, but has three or four ſpots only on each heath, towards the back, and none near the tail. Both found in Cain Wood.

40. *Cochinella* oblonga, minima, maculis plurimis exiguis. Dandridge. This is leſs than the Water-Flea (G. N. 13. 9.) and has about twenty ſpecks on its ſheaths, beſides thoſe on his ſhoulder. Found about Hornſey in May.

41. *Cochinella* crocea major immaculata, dorſo Chalybeato. Great Buff Cow-Lady. On willow-trees in Cain and Biſhop's Wood.

42. *Cochinella* crocea, media, immaculata. Leſſer Buff Cow-Lady. The ſhoulders flatter and furrowed; the body ſmaller.

43. *Cochinella* media Chalybeata, marginibus croceis. Saffron-edged Steel Cochineel. Size of the laſt; edges of the ſheaths ſaffron-edged with orange; the reſt and head like poliſhed ſteel. Dr. Hans Sloan found this on a ſort of *Linaria*, in a garden at Enfield, in September.

SECT. III. Monachi, or Monk-Beetles, come next to the Cochineels, but are flatter, larger, and almoſt ſquare; the Horns jointed, but thickeſt at the ends. To theſe we ſubjoin the Testudinarii, or Turtles, being very near of a kind.

44. *Monachus* niger, rugoſus major, ſcapulis croceis. Saffron-ſhouldered Monk. Same ſize with the next; ſheaths black, ribbed, and as it were wrinkled; ſhoulders or cowl orange, and ſometimes black in the middle: which may be male and female. Found in the ſand-pits by Woolwich in April.

45. *Monachus* niger lævis Nobis. Scarabæus Viarius niger, vaginis ſulcatis Gaz. 22. 10. Black, Smooth Monk. Both hood and ſheaths wholly black; the laſt ſcarce diſcernibly ribbed, with a welted brim or edge. Found in path-ways near corn-fields.

46. *Monachus* medius niger, ſtriatus. Black, Ribbed Monk; leſs than the laſt; its ſhoulders mealled, with divers ribs along the heath.

47. *Monachus* medius niger, rugoſus Nob. Scarabæus *Carnifex* niger, vaginis ſulcatis ac rugoſis Gaz. 23. 11. Rugged Black Monk; ſize of the laſt, but differs in having rough, mealled or ſpotted ſheaths between the ribs. I have found theſe and the laſt in the bowels of dead pole-cats and weaſels.

48. *Monachus* niger lævis, roſtro oblongo. Smooth Snouted Monk. This and the next differ from the foregoing and Turtle-Beetles, in having an exerted ſnout.

49. *Monachus* niger ſtriatus, roſtro oblongo. Rib Snouted Monk; leſs than the laſt, with ſtreaked ſheaths, but ſmooth hood.

50. Teſtudinarius *Hamſtedienſis* tetramaculatus Gaz. 12. 2. Lady-Cow Turtle. Its ſheaths buff, with four black ſpots; the head black, with buff brims. In Cain Wood.

51. *Teſtudinarius* viridis Liſt. fig. 116. p. 286. id. Angl. p. 113. Green Turtle; wholly green; found in Cain Wood, not common.

52. *Teſtudinarius* aureus, guttulis nigris aſperſis Gaz. 29. 8. Spotted Meadow Turtle; ſize of the laſt, of a buff colour, ſpeckled with black. In a meadow near Woolwich.

53. *Teſtudinarius* fulvus nævoſus. Freckled Buff Turtle; ſize of the laſt; the ſheaths roughiſh and freckled.

54. *Teſtudinarius* fulvus minor nævoſus. Small, Freckled, Buff Turtle; like the laſt, but leſs and ſmoother. Both Mr. Dandridge's.

CAP. II.—Scarabæi *Antennis Geniculatis*,

Beetles with Jointed Horns.

Of which Kinds are the *Cantharides*, Goat-Chaffers, &c.

SECT. I. Cantharides, or Beetles with Tender Sheaths.

1. *Cantharis* viridis verus. Cantharides *Officinarum* Dale Pharmacolog. 539. 3. Muſca *Hiſpanica* quibuſdam. Common Bliſtering-Beetle, called Spaniſh Flies. The firſt found in England, that I know of, was caught near Clerkenwell church, 1696. by a gardener, who uſed to bring me what uncommon inſects he got; and I do not remember any more found, till 1706, or 7. and then many, within ten or twelve miles of London, about Richmond, in ſwarms, of a hundred or more in a cluſter. In the phyſick-garden at Chelſea, on the Phillyreas.

2. *Cantharis* minor viridis. Four times ſmaller than the ſhop kind, and very ſlender. Found about Boxhill in May, and near Peckham in July. I have alſo met with them at Hampſted Heath, in Mouſe-ear flowers.

3. *Cantharis* minor viridis, cruribus tuberoſis. Found with the laſt, and differs only in having very thick thighs in its hinder legs. Perhaps male and female.

4. *Cantharis* minor viridis, apicibus miniatis. Thicker and ſhorter than the laſt; the ſheaths tipt with ſcarlet. The firſt time I found this, was at the horſe-ferry againſt Twickenham, Jan. 12. 1696. ſince ſeldom ſeen.

5. *Cantharis* minor rubeſcens, dorſo viridante, Dandridge. Sheaths reddiſh, except a ſmall part next the back and half-way the ſlit greeniſh, as are its head and back, but face pale.

6. *Cantharis* minor Cupreus. Of a beautiful copper luſtre, and ſeem pounced. Found in the marſhes between Redriff and Depford in July.

7. *Cantharis* azureus perelegans Gaz. 31. 2. Theſe are of a beautiful blue luſtre. Found about houſes in June and July.

8. *Cantharis* media vulg. nigricans. I caught theſe, May 21. 1696. *in coitu*; and the next day they laid buff-coloured eggs in a ſingle chain or line. Frequent amongſt Nettles.

9. *Cantharis* minor nigricans. Much leſs than the laſt, with yellowiſh thighs, as the other are buff.

10. *Cantharis* media vulg. fulva. This differs from No. 8. in being moſtly buff; more common. Amongſt Nettles in May and June, when they are very falacious.

11. *Cantharis* minor fulva, apicibus nigris. Diſtinguiſhed from the laſt in being leſs, and its buff ſheaths tipt with black. Appear later than the three former.

12. *Cantharis* citrina minor Dandridge. Differs in ſhape from all the former, in being rounder, and the tips of the ſheaths more pointed: it is of a fine lemon colour. Mr. Dandridge found this on the Moth-Mullein, between Woolwich and Graveſend, the beginning of June.

13. Cantharis *Veſpoides* cingulis anguſtis pallidis Dandridge. Gaz. 63. 7. This differs from the next, in being ſomewhat larger, the girdles pale and narrow, its legs and horns buff. Mr. Dandridge caught this elegant Beetle in his own yard, Moor-fields.

14. Cantharis *Veſpoides* cingulis latioribus luteis Gaz. 73. 6. The girdles in theſe are of a fair yellow, much broader, with a remarkable ring next the head, and another above the ſheath, with a ſpot to ſupply the vacancy. Theſe differ ſomewhat in ſize, which their ſex may occaſion. I have met with them amongſt Nettles.

15. Cantharis *Veſpoides* parva, cingulis luteis Gaz. 73. 5. Pretty like the laſt, but three times ſmaller, and its ſheaths not ſo black.

16. Cantharis *Veſpoides* obſoletè marmoratus Dandridge. The head, horns, legs, and a broad liſt next the tip of the tail, are black; the other parts of the ſheaths variouſly marbled with darkiſh colours. Mr. Dandridge found this in Moor-fields, in Auguſt, 1708.

SECT. II. Capricorni, or Goat-Chaffers, differ from the laſt, in having thicker or more cruſty Sheaths, with longer Jointed Horns: they generally reflex, or turn backwards, like thoſe of Goats; from whence their name.

17. *Capricornus* major viridis *Moſchatus*. Capricornus *odoratus* Muſ. Regal. Societatis 164. Great Green Goat-Chaffer, or Muſk-Beetle. A very ſpecious, elegant Beetle, the largeſt of this kind found yet in England, its body being more than an inch long, and its horns about the ſame length: it is of a ſhining green or copper luſtre; which changeable reflexions, and differing magnitude, are owing to their different ſexes, Petiver, Muſ. 9. tells you. This inſect, whilſt living, has a very fragrant muſk-like ſcent, which it loſes when dead. Found on willow-trees, not common.

18. *Capricornus* vulg. viridis, maculis aureis Gaz. 69. 11. Common Green Goat-Chaffer, with Golden Spots; remarkable for its golden ſpecks, having three on the outſide of each ſheath, with

with two in the middle, and one at the tips; his breaſt, neck, and thighs, tinged with a glorious green and copper luſtre; his mouth white, and *forceps* deeply notched, which ſhews him a bold and voracious inſect. Seen in gravelly paths, from March to Sept. Very nimble, taking wing as ſoon as you approach. I firſt took notice of this beetle on Hounſlow Heath; common on Hampſted Heath, and the woods adjacent.

19. *Capricornus* viridis bimaculatus. Like the laſt, but has no ſpecks on the edges, only two in the midſt of the ſheaths.

20. *Capricornus* viridis binis lituris medio vaginarum. The two ſpots on this are larger than the laſt. Both found with the common, though not ſo frequent.

21. Capricornus *Ruſticus* cinereus, cornubus longiſſimis Gaz. 8. 8. Where it is very accurately figured. It is for the moſt part grey, pounced with ſmall black warts: its geniculated horns are party-coloured, viz. black and grey; 1 ½ inch long: it has a clouded circle near the midſt of its ſheath. From Muſcovy, by one of the Czar's phyſicians. Found Aug. 7. 1696. in a garden near Alderſgate-ſtreet.

22. Capricornus *Londinenſis* cinereus, cornubus prælongiſſimis. The ſhape and colour of this are like the laſt, but ſomewhat darker; the whole body little more than half an inch, but the length of its horns very ſurpriſing, viz. above three inches, which is near ſix times the length of its body. Found in a houſe in Maiden-lane near Wood-ſtreet.

23. *Capricornus* medius Caſtaneus. The ſheaths (which grow tapering towards the tail) and part of its legs, are cheſnut-colour'd; the head and ſhoulders black; its horns near the length of its body, viz. ¾ of an inch. Found in Cain Wood.

24. Capricornulus *Hamſtedienſis* exiguus, vaginis rubris, apice nigro Gaz. 30. 5. Its head, horns, legs, and tips of the ſheaths, black; the reſt of a reddiſh caſt. Found in Cain Wood, June and July, in the flowers of the Dog-roſe and Black-berry.

25. *Capricornus* medius griſeus, bimaculatus, oculis tuberculoſis. An inch long; its ſhoulder and ſheaths grailed and grey; againſt the hinder legs, on each ſide of the ſheath, is a black ſpot between two buff fields; but, what is very particular, each eye ſtands at the top of a ſmall black protuberance or wadle. Mr. Dandridge found this in a wood near Box Hill in May, and in his own houſe.

26. *Capricornus* medius nigricans, bilineis fulvis, oculis tuberculoſis. Legs and ſheaths black, except in the midſt of the laſt are two buff liſts; the eyes much wadled, ſo that they ſeem double. This and the two next Mr. Dandridge found in Cain Wood.

27. *Capricornus* medius ſpinoſus, è nigro fulvoque mixtus. Same ſize with the two former; its ſhoulders thorny and black; as are its head, legs, and upper part of the ſheaths; the reſt tawny, liſted with longiſh black ſtreaks.

28. *Capricornus* medius ſpinoſus nigricans, undis flaveſcentibus. Its ſhoulders thorny like the laſt, and black; as are its head, legs, and upper part of the ſheath; below which, on the ſame ground, are two or three buffiſh waves.

29. *Capricornus* minor griſeus, maculis tergeminis flaveſcentibus. The head of this is black, liſted with yellow; its ſheaths finely grailed, with three yellow oppoſite ſpecks in the midſt of each ſheath.

30. *Capricornus* minor nigricans, maculis tergeminis flaveſcentibus. Its head black and liſted like the laſt; the body ſlenderer, and ſheaths black, but ſpeckled like the former. Both found in Cain Wood.

31. Capricornus *Veſpoides* minor, ſignaturis majoribus. This and the next are male and female. Found on the umbels of the Spondylium about June and July.

32. Capricornus *Veſpoides* minor, ſignaturis minoribus. The upper part of theſe ſheaths is moſtly yellow; whereas the other has black triangular ſpots. Both in Gaz. 30. 4.

33. *Capricornus* exiguus, partim lanuginoſus, partim fuſcus. A beautiful little inſect; its head and ſheaths tipt with brown; the midſt white and hoary. In Cain Wood.

34. *Capricornus* medius nigricans humero bioculato. Near ¾ of an inch long, moſtly black, with two ſhining very black eye-like ſpecks in the midſt of his ſhoulders, with hoary cheeks on each ſide. Found at Hogſdon, in September.

SECT. III. Buprestes, or Burn-Cows; Beetles of an oblong ſhape, with jointed Horns, and flat or ſelvedged Shoulders, and ſometimes their Sheaths rimmed.

35. *Bupreſtis* major Cupreus verruculatus elegans. The Warty Burn-Cow. An elegant Beetle, of a greeniſh copper luſtre; its ſheaths ribbed, and finely chain-warted in its furrows. I have met with this and the next in corn-fields, not common.

36. *Bupreſtis* major Cupreus verruculis minoribus. Slender-warted Burn-Cow; of a ſhining luſtre like the laſt; its ſheaths finely ſtreaked, and between every two or three there is one chained like the laſt, but with much ſlenderer warts.

37. *Bupreſtis* major è cupreo purpuraſcens, leviter punctatus. Pounce-ſheathed Burn-Cow, differs from the laſt, in having three rows in each ſheath, finely pinked or pounced at equal diſtances.

38. *Bupreſtis* major nigricans, marginibus purpuraſcentibus. The Sable Burn-Cow. Sheaths blackiſh, tending to purple, particularly its edges.—The ſhoulders in the four laſt are ſmooth and quadrangular; their eyes very prominent. From Norway; ſince found in our Engliſh gardens.

39. *Bupreſtis* media niger, ſcapulis latis. Broad Black Burn-Cow. Half an inch long, a quarter broad; its ſheaths furrowed, and oval-tipt; the lower part of the ſhoulder the ſame breadth with that part of the ſheath next it, but narrower at the head.

40. *Bupreſtis* media niger, ſcapulis anguſtioribus. Narrow Black Burn-Cow. Leſs; but its chief diſtinction is in its ſhoulders, viz. narrow next the ſheaths, broader at the head; reverſe to the laſt.

41. *Bupreſtis* media niger, vaginis hinc inde ſtriatis. Croſs-ſtreaked Black Burn-Cow. The peculiarity of this, if nicely viewed, is very remarkable, viz. there is in the middle of each ſheath a croſs-like obſtruction, by which the furrows are diſcontinued from running in a ſtrait line, as in all others we have yet ſeen.

42. *Bupreſtis* media niger, ſcapulâ & corpore ovalibus. Oval Black Burn-Cow, reſembles No. 40. but ſomewhat leſs, and ſhoulders narrower.

43. *Bupreſtis* media niger, ſcapulâ & corpore ſubrotundis. Roundiſh Black Burn-Cow, differs from the laſt, in having its ſheath and body broader pointed; whereas the other is more acute or oval.

44. *Bupreſtis* minor ovalis niger, cruribus caſtaneis. Small Cheſnut-thighed Black Burn-Cow. Somewhat leſs than the laſt, and like it; has cheſnut thighs, whereas the eight before are black: the body of this is oval.

45. *Bupreſtis* Chalybeatus medius, vaginis teneris. Little Steel Burn-Cow. Somewhat more than half an inch long, with ſtriated ſheaths, but ſmooth ſhoulders, which ſeem angular in a certain poſition of light.

46. Bupreſtis *Chalybeatus* minor, vaginis teneris. Small Steel Burn-Cow, reſembles the laſt in all things, but four times leſs; both of a bluiſh ſhining ſteel hue.

47. *Bupreſtis* medius fulvus, leviter ſtriatus. Little Buff Burn-Cow. Its ſheaths lightly furrowed, the ſhoulders ſmooth, and both buff-coloured, with ſhort bugle horns. Mr. Dandridge hatched this from a Hexapode Caterpillar of a buff colour, found in meal July, 1707. which in about a month caſt its ſkin: he kept it all winter in a box of meal, on which it conſtantly fed, and in April caſt another ſkin, and a third about the beginning of June, after it had lain ſtiff and without motion, as if dead, for two or three days; and then it changed into a white coffin of the ſhape of a Staphyline Beetle, with two black eye-like ſpecks; and in this ſhape it continued till the beginning of July, and then hatched into the Beetle as above.

48. *Bupreſtis* medius fuſcus, leviter ſtriatus. Little Brown Burn-Cow. Every way like the laſt, but in colour.

49. *Bupreſtis* minor fuſcus. Small Brown Burn-Cow. This is ſomewhat flatter, beſides leſs, and the ſheaths deeper ſtriated.

50. *Bupreſtis* minor rufus, leviter ſtriatus, & quaſi punctatus. This is thicker and ſhorter than any of the five foregoing; its ſhoulders ſmooth, the ſheaths lightly ſtriated, and ſeem pounced. Found about Cain Wood, in ſummer.

51. *Bupreſtis* minor obſcurè Cupreus. The ſhoulders of ſome of theſe have a green caſt; the ſheaths of it dull copper, lightly ſtreaked.

52. *Bupreſtis* minor obſoletè viridis, ſcapulis nigricantibus. The ſheaths of a dark green ſtreaked, the ſhoulder ſmooth and blackiſh; as big again as the laſt.

53. *Bupreſtis* minor omninò viridis. Of the ſize of No. 51. and wholly green.

54. *Bupreſtis* minor omninò Cupreus. Like the laſt, but of a ſhining copper.

55. *Bupreſtis* minor viridis, ſcapulis cuproſis. Larger than the laſt, with green ſheaths, but copper ſhoulders.

SECT. IV. Scarabæi Impennes, are ſuch Beetles as have no Tranſparent or Membranaceous Wings under their Cruſty Sheaths.

56. Scarabæus *impennis* niger rotundus major. Scarabæus agreſtis *oviparus*, melanocyaneus, ſucco ſanguineo, Gaz. 22. 6. Bloody Egg-Beetle, have a tender body, and, if wounded, emit a tranſparent bloody juice: they are ſmooth, and of a ſhining luſtre like poliſhed ſteel: their horns are elegantly geniculated, or bugle-knotted. I have often met with them in the fields.

57. Scarabæus *impennis* niger rotundus minor. Small Egg-Beetle, differ from the laſt only in ſize, being four times leſs, and often found with them.

58. Scarabæus *impennis* niger oblongus major. Scarab. *impennis tardipes* Gaz. 247. 7. Slug-Beetle. Found in kitchens, cellars, and out-houſes, in the ſpring and at moſt other ſeaſons: he is of a very ſluggiſh motion, and walks as if frozen.

59. Scarabæus *impennis* niger oblongus minor. Leſſer Slug-Beetle. Leſs, and not ſo black as the laſt; its ſhoulders narrow, and head very long and ſnout-like, with pale protuberant eyes near the ſhoulders: it has pincers, with two pair of comb-like feelers, beſides its jointed horns.

60. Scarabæus *impennis* Chalybeatus major, *ſeu* Proſcarabæus *Fœmina* vaginis brevioribus. The Female May-Beetle. All over of a ſhining black, with a faint of blue, like poliſhed ſteel; their horns finely geniculated, and bend towards the points: their ſheaths ſcarce cover half their body, being groſs. Found in a nurſery at Brompton Park, April 12, 1696. feeding on the *Ranunculus Pratenſis*. On running a pin through the largeſt, viz. the female, it emitted a yellowiſh liquor, which ſeemed to be ſpawn; and it agrees with what Godart relates concerning its eggs.

61. Scarabæus *impennis* Chalybeatus minor, *ſeu* Proſcarabæus *Mas* vaginis longioribus. The Male May-Beetle. The ſheaths ſometimes cover the whole body, or very near, being not ſo corpulent as the females. Theſe are often in pairs, as I have ſince obſerved, in fields and meadows in the ſpring.

SECT.

SECT. V. De Hydrocantharis, or Water-Beetles. The Horns of moſt are jointed, ſlender and needle-pointed, and ſome pectinated; yet, ſince they are all found in the Water, I would not ſeparate them.

1. *Hydrocantharus* maximus lævis antennis pectinatis Gaz. 74. 11. Hyd. major *Anglicus* Moffet. *Scarabæus* 2. aq. Aldrovand. Inſect. 449. deſcr. fig. 2, 3. p. 500. Id. ed. Francof. tab. 8. fig. 2, 3. p. 178. It is about two inches long, and near one broad; the ſheaths extended above two and a half. It is black, ſmooth and ſhining above: the light furrows on the ſheaths are wideſt and moſt apparent towards the tail: it has two pair of feelers, thoſe next the mouth much the ſhorter: its horns end pectinated, or comb-like. Along the middle of its belly runs a rib, terminating in a ſhining ſharp thorn: the tips of the two hinder legs are hairy, with a long ſlender ſpine on the inſides of the next joint: the ends of its fore feet are forked. From Wiſbich, and in ponds beyond Iſlington. Moffet ſays, theſe fly in the night, but in the day are rarely ſeen out of the water.

2. *Hydrocantharus* max. lævis, pollicibus lanceatis Gaz. 74. 12. Differs from the foregoing, only in having a lancet, or a farrier's fleam-like protuberance, next the extremities of its fore feet only. I ſuppoſe theſe male and female.

3. *Hydrocantharus* medius ater lucens Gaz. 70. 4. Wholly black, ſmooth, and very ſhining; 1 ¼ inch long, ¾ broad; its feelers of three joints, the tips ſhorteſt; its horns pectinated. N. B. Theſe three laſt are *Delta*-backed, i. e. with a triangular ſhell in the midſt of its back, between the ſheaths.

4. *Hydrocantharus* minor latus nigreſcens. Is much flatter than the laſt, and ſmaller, viz. ¾ long, and ½ inch broad; ſmooth and ſhining, but not ſo black.

5. *Hydrocantharus* minor latus rubeſcens. Dandridge. Same ſize and ſhape with the laſt, but not ſo ſhining; ſheaths reddiſh, with head and ſhoulders black. Found in a pit in Hornſey Wood.

6. *Hydrocantharus* parvus Chalybeatus lucens. *Cantharis* vel *Pylolampis* Geſneri Inſect. p. 352, Ic. Omnium vero minimi ſunt illi, &c. Moffet. 164. *Scarabæolus* niger noſtras, ſuper aquam velociter circumnatans Gaz. 13. 9. *Scarabæus* aq. ſubrotundus è cœruleo viridi colore ſplendente undique tinctis Ray Hiſt. Inſect. p. 87. 10. This muſt be our common Water-Flea, though he be ſomewhat miſtaken in the colour; ſince this is the only Beetle that ſo ſwims on the ſurface: ½ an inch long, ¼ broad; very ſmooth and ſhining, of a black ſteely hue. Common in all ditches and ponds.

7. *Hydrocantharus* major lævis, marginibus flavis Gaz. 72. 8. 5. Liſter. tab. mutis. Some of theſe are above 1 ½ inch long, and about half as broad: they are ſmooth and blackiſh, but edged with a dull yellow: theſe have ſtriated ſpangles on their fore feet (which are accurately expreſſed in Mr. Petiver's Tables:) their horns are very ſlender, long and jointed, accompanied with a pair of ſhort feelers.

8. *Hydrocantharus* major ſtriatus, marginibus flavis Gaz. 72. 8. 1. Very like the laſt in colour and magnitude; but its ſheaths deeply furrowed, except the tips, which are ſmooth. This is not ſpangle-footed.

9 *Hydrocantharus* major ſtriatus, ventre nigricante. Dandridge. This differs from the laſt, in being a degree leſs, and without yellow liſts croſs the ſhoulders; but particularly, in having a black ſhining belly; whereas the others are moſtly buff. This is the only one Mr. Dandridge has as yet ſeen, who caught it in the gravelly water-pits beyond Iſlington, in a field. Theſe three laſt have ſmall delts or triangles.

10. *Hydrocantharus* medius lævis Gaz. 70. 3. Hydrocanth. 4 Liſt. tab. mutis. Reſembles No. 7. but much leſs, viz. ¾ long, ½ inch broad; the ſheaths ſmooth, but not ſo black as the laſt: if looked through, they are tranſparent, and finely mottled and ſpecked with black; its ſhoulders and edges yellowiſh, as No. 7. and 8. This is ſpangle-footed, which I obſerve is more particular to the ſmooth ones, as No. 2. and 7. and belongs but to one of the ſexes.

11. *Hydrocantharus* medius ſtriatus Gaz. 70. 2. *Scarabæus* aq. minor Aldr. Inſect. 455. fig. 6. edit. Francof. 178. fig. Of the ſhape and ſize with the laſt; but its ſheaths broad, and deeply furrowed, with not above five in each; whereas No. 8. has as many more, and thick ſet. N. B. The membranaceous wings of all the foregoing are not above a quarter part longer than their ſheaths or caſes.

12. *Hydrocantharus* medius, lævis oblongus. This chiefly differs from No. 10. in being narrower, longer, and not ſpangle-footed.

13. *Hydrocantharus* minor lævis, humero flaveſcente. About half the ſize of the laſt, with a black ſpot in the midſt of its yellow ſhoulder.

14. *Hydrocantharus* minor turgidus, nigreſcens, umbrâ fulveſcente. Steel. Theſe are about the ſize of Brackenclocks, but ſmooth, and of a blackiſh or dirty hue, mixed with ſomewhat paler lights; its jointed horns hair-like, and pointed. At Denham, Bucks.

15. *Hydrocantharus* parvus nigreſcens. Like the laſt, but four times leſs. Moſt of theſe are found in the ponds, ditches, and ſtanding waters, about town. Mr. Willoughby obſerves all water-beetles to be very nimble; and when they happen to lie on their backs, they jump themſelves on their legs by leaping.

SECT. VI. Scarabæi Elastici, or Snap-Beetles; becauſe, if you hold their bodies between your fingers, they will with their head and ſhoulders ſnap with that force, that you can ſcarce hold them: They have alſo ſuch a ſpringing faculty, that, if you lay them on their backs, they will jump up divers times, till at laſt they fall on their feet. The nature of theſe is alſo very well deſcribed by the accurate Mr. Ray, in his Hiſt. Inſect. lately publiſhed, p. 78. 13. and by the learned Dr. Liſter, in the ſame book, p. 387. cap. 3.

16. Scarabæus *Elaſticus* ater nigreſcens. Great Black Snap. This is much the largeſt I have yet ſeen in England, being near three quarters of an inch long, and anſwerably broad, with black ſtreaked ſheaths.

17. Scarabæus *Elaſticus* ater medius. Middling Black Snap. Much narrower than the laſt, yet near as long; its ſhoulders ſmooth and very ſhining; the ſheaths ſhine alſo, but not ſo bright, being ſtreaked as the laſt.

18. Scarabæus *Elaſticus* Cupreus medius. Small Copper Snap. Slender like the laſt, but not above half ſo big; it is of a dull copper luſtre.

19. Scarabæus *Elaſticus* fuliginoſus minor. Small Sooty Snap. Being of a dark brown or ſooty hue, and very ſmall, viz. not more than the ſize of the laſt.

20. Scarabæus *Elaſticus* Caſtaneus medius, ſcapulâ nigricante. Middling Cheſnut Snap, with black ſhoulders. About the ſize of No. 2. but narrower; its ſheaths cheſnut and ſtreaked; the ſhoulders black, ſmooth, and both ſhining.

21. Scarabæus *Elaſt.* Caſt. medius, ſcapulâ nigricante, margine fuſco. Middling Cheſnut Snap, with brown edged ſhoulders. Very like the laſt; but the edges of its ſhoulders are of the ſame colour with the ſheaths, and the middle black.

22. Scarabæus *Elaſticus* Caſtaneus parvus. Little Cheſnut Snap, with black ſhoulders. Very ſlender, and three times leſs than the laſt.

23. Scarabæus *Elaſt.* major nævoſus. Great Freckled Snap. About half an inch long, and proportionably broad; its hair coloured with pale freckles.

24. Scarabæus *Elaſticus* Marmoratus major Cupreus. Copperiſh Marble Snap; narrower than the laſt, but as long; of a ſhining copperiſh luſtre, ſomewhat marbled.

25. Scarabæus *Elaſticus* medius verſicolor. Changeable Velvet Marbled Snap; as broad, but ſhorter than the laſt; it is both curious and variouſly marbled, according to the poſition of light.

N. B. All, or moſt of theſe ſnaps have been obſerved in Cain-Wood, at divers ſeaſons.

SECT. VII. Curculiones, or Pipers; from their long ſnout, out of which come their horns: theſe are ſmooth and ſlender at ſetting on, bending in the middle, and thence jointed to the ends, which generally terminate pectinated, as is obvious in one of the largeſt of this kind, Gaz. 35. 5.

26. *Curculio* major niger, corpore craſſiore. Great Black Groſs Piper. This is half an inch long, and one quarter thick, very black, and lightly pounced. Found in the ſpring, about Hackney, and in King Harry's Walk, between Kingſland and Newington, and in Cain-Wood.

27. *Curculio* major, corpore nigro longiore. Great Black Slender Piper. It differs from the laſt, in being a little leſs and ſlenderer bodied, with much longer horns. Caught in a lane between Woolwich and Eriff, in the beginning of June.

28. *Curculio* medius niger ſtriatus. Middling Black Pin-furrowed Piper. This has ſhorter horns, and is leſs than the laſt: its furrows are finely pin-holed, if nicely viewed. N. B. Theſe three ſeem to have no ſplit in their ſheath, ſo that I take them to be wingleſs.

29. *Curculio* minor rugoſus niger. Small, Black, Rugged Piper. This is more deeply furrowed and pounced than the laſt, eſpecially if ſeen through a glaſs, which makes it look rough. Theſe four laſt are of the curious Mr. Dandridge's obſervation.

30. *Curculio* major ſubcinereus undatus, Gaz. 24. 4. Cat. 76. Dandridge's Large Waved Piper, G. N. Cat. Angl. 77. This is the largeſt of this kind yet obſerved in England, viz. a fourth part longer than No. 26. The ground is grey, marked with black: obſerved as yet only in the place mentioned Gaz.

31. *Curculio* medius, maculis griſeis teſſellatis. Steel's Chequered Piper. It is half an inch long; the head and part of the back blackiſh, the reſt grey, with pale chequer-like ſpecks. This elegant inſect Mr. Steel firſt diſcovered about Denham-court near Uxbridge, with No. 14.

32. *Curculio* fuſcus, dorſo quaſi cordato, Gaz. 50. 9. Cat. 75. Dandridge's Hart Piper, Gaz. 76. This and the next Mr. Dandridge caught in a height, or ſmall iſle, at Henley on the Thames, in Auguſt.

33. *Curculio* medius griſeus, ano albente. White-rumped Grey Piper. This has a brown liſt croſs the midſt of the ſheath, and ſomewhat pale near the ſhoulders, but whitiſh at the tail, as the laſt. Both theſe of the ſame ſize.

34. *Curculio* parvus ruber, capite nigro. *Scarabæolus* aureus, capite nigro Gaz. 31. 3. Cat. 89. Black-headed Red Piperkin. Gaz. 79. The back, ſheaths, and thighs red, with head and feet black: frequent in Cain-Wood all ſummer on haſels, &c.

35. *Curculio* perexiguus ruber, roſtro prætenui. Briſtle-ſnouted, Red Dwarf Piper. Shape, and colour of its ſheaths, ſame with the laſt, but four times leſs; its head much different, and ſnout very ſlender and long. Found in the ſand-holes near Woolwich.

36. *Curculio* miniatus minimus Gaz. 22. 5. Cat. 77. *Scarabæus* ex toto coccineus Liſter. Ray Hiſt. Inſect. p. 394. tit. 32. Scarlet Small Piper. G. N. Catalog. Anglicè 78. Petiver found it at Epſom, in company with Dr. Breynius and Dr. Liſter, who had long before obſerved it in Lincolnſhire.

37. *Curculio*

37. *Curculio* parvus ſplendidè viridis Gaz. 50. 6. Cat. 72. Bright Green Piper G. N. Cat. Angl. 73. Both head and ſhoulders of this are elegantly green, and the laſt pounced; its ſnout of a glorious copper luſtre, as are its legs in front; the tail blunt or bottle-arſed.

38. *Curculio* minor æruginoſus vulgaris. Scarabæus minor æruginoſus Muſei Petiver. 10. fig. Common Verdigreaſe Piper. Somewhat more than half an inch long, of a ſhining verdigreaſe, with an oval tail. Theſe are common amongſt nettles.

39. *Curculio* parvus ſplendidè æruginoſus. Gaz. 50. fig. 7. Cat. 73. Verdigreaſe Piper G. N. Cat. Angl. 74. Same ſhape, but leſs, and more reſplendent. Cain-Wood.

40. *Curculio* parvus Æruginoſo-cupreus. Verd-Copper, Small Piper; like the laſt in ſize and ſhape, highly tinged with a copper luſtre.

41. *Curculio* parvus è cœruleo Chalybeatus. Small Steel Piper. Size with 37. ſlenderer; an elegant ſteely blue. Cain-Wood.

42. *Curculio* perexiguus niger. Black Mite Piper. Exactly of the ſame ſhape and ſize, but black.

43. *Curculio* perexiguus è cœruleo Chalybeatus. Steel Mite Piper. Like the laſt, but four times leſs.

44. *Curculio* rotundus perexiguus griſeus maculatus. Dandr. Grey Tare Piper; being about the ſize of a tare, and globular: it is wholly grey, except a large black ſpot in the midſt of its back, and a ſmaller near the rump; its ſnout long and ſlender. Mr. Dandridge found eight on the leaves of Mullein, at Box-Hill, 20th of May.

45. *Curculio* rotundus perexiguus nigreſcens, capite griſeo. Dandridge's Black Tare Piper; ſame ſhape as the laſt, but a ſize leſs, with two black ſpots, each attended with a couple of white ſpecks; body blackiſh; head grey. Found on the Bur-dock near the ferry at Batterſey in peaſe ſeaſon.

SECT. VIII. SCARABÆI SEMI-VAGINATI *ſeu* STAPHYLINI, or TURN-TAILS. The ſheaths ſhort, as if cut, and rarely cover half the body; run ſwift, and if moleſted, turn up their tails.

46. *Staphylinus* maximus niger longiſſimus. Long, Black Turn-Tail. *Staphylinus* major totus niger Ray Hiſt. Inſect. 109. 1. *Staphylinus* Moffet. 197. fig. 1. 2. *Scarabæus* majuſculus niger, forcipibus inſectis Lifter Ray H. Inſ. tit. 26. It is about an inch and quarter long, and a quarter broad; the head, ſhoulders, and ſheath, much the ſame length; and all three make but one half of its length: its bugle-jointed horns are taper.

47. *Staphylinus* major brevis niger. Short, Black Turn-Tail. Staphylinus Moffet. p. 197. fig. 3. This is ſhort in compariſon to the laſt, viz. not quite an inch, but very near full as broad; otherwiſe not unlike: pretty common near path-ways. When you catch theſe, they are very waſpiſh, and throw out, on each ſide their tail, a white egg-like bladder.

48. *Staphylinus* major lucens, vaginis & circulis lanoſis. Woolly-ſheathed Turn-Tail. Its full length three quarters, ſome ſhorter, but one quarter broad; the head and ſhoulders of a ſhining jet; its belly (except the tips, which are black) of a pale hoary white, as is the lower half of its ſheaths: their horns are cloſe jointed, and thicken towards the ends.

49. *Staphylinus* medius niger, vaginis caſtaneis. Cheſnut-ſheathed Turn-Tail. The head, back, and naked body black; the ſheaths cheſnut, as are its legs, with horns like the laſt.

50. *Staphylinus* medius velutinus fuſcus. Brown Velvet Turn-Tail. Its ſhoulders and ſheaths velvety and brown, as is its naked body; its head hoary and changeable; a ſize leſs than the laſt. Found in March and April on Hampſted-Heath, in cow-dung, with the Ball-comber.

51. *Staphylinus* parvus è Chalybeato ſuccino cinctus. Small Steel and Amber Turn-Tail. This ſmall elegant inſect is about three quarters of an inch long; its head, ſheaths, and tail, ſteel; the reſt, viz. its back and four joints of the body, amber.

52. *Forficula* vulgaris Gaz. tab. 74. fig. 5. The Ear-Wig. *Forficula* ſive *Auricularia* Moffet. 171. c. 27. fig. *Scarabæus* ſubrufus caudâ furcatâ Lifter. Ray. H. Inſ. 391. tit. 25. Very miſchievous in gardens, particularly to July-flowers, and in the winter hide themſelves under the bark of trees, &c.

CAP. III.—CIMICES, or BUGS.

Beetles, whoſe Wings are partly cruſty, the reſt tranſparent, the laſt on the body, the laſt on the Tips: They are of various ſhapes, and have generally a long Needle-like Snout, which they place betwixt their Legs under their *Thorax*.

1. CIMEX maximus Teſtudinarius rufus. Great Turtle Bug: half an inch long, and two thirds broad: it is reddiſh, with black ſhoulders, and differs from all the following in ſhape, being more round and turtle-like. Mr. Dandridge found this in a dry ditch near the Spaniards at Park-Gate, between Biſhop's-Wood and the Heath.

2. *Cimex* major ex toto fuſcus. Great Brown Bug. Cimex 2. Moffet. 174. fig. 3. 4. Wholly brown, with blunt ſhoulders; of the ſame ſize with the laſt.

3. *Cimex* medius fuſcus maculatus. Middling Brown Bug. Much paler than the laſt, with delt, ſides, and horns, ſpeckled.

4. *Cimex* medius rufus maculatus. Middling Brown Bug; a ſize larger than the laſt; the ground reddiſh or copper-like, and ſpeckled.

5. *Cimex* major viridis immaculatus. Cimex 1. Moffet. 174. fig. 1. 2. *Cimex* ſylveſtris viridis Ray Hiſt. Inſect. p. 53. 1. Great Green Bug. Wholly green: ſize of No. 2. The four laſt blunt-ſhouldered.

6. *Cimex* major viridis cornutus. Great Green Horn-Bug. Like the laſt, but horn-ſhouldered.

7. *Cimex* cornutus major fuſcus, maculatus. Great Brown Horn-Bug, reſembles No. 2. in ſhape and ſize; but the ſhoulders are horned, and the legs and delta-tip amber-coloured.

8. *Cimex* cornutus major, e fuſco cinereus, maculatus. Great Pale Horn-Bug: ſhape and ſize with the three laſt; its ſide-ſheaths grey; but delt and tip brown, the firſt ſaffron-ſpotted.

9. *Cimex* cornutus medius cinereus, immaculatus. Middling Grey Bug, differs from the laſt in being leſs, and its delt unſpotted. N. B. Theſe four have blunt black horns.

10. *Cimex* marginatus fuſcus major. Great Brown Welted Bug; about half an inch long, of a dead hair colour, the ſides welted: its wings lifted up diſcover the body of a fine orange, and above that black.

11. *Cimex* marginatus fuſcus, medius. Middling Brown Welted Bug: a degree leſs than the laſt, and much of the ſame colour.

12. *Cimex* fuſcus minor, margine anguloſo. Small Brown Welted Bug: leſs than the laſt, and more welted than the two laſt; its ſhoulders much pointed. N. B. Theſe three laſt are very diſtinct from the foregoing, in having their bodies welted, the firſt joints of their horns thick and ſtrong, the next very ſlender and reflex, and tips ſomewhat clubbed. Moſt of theſe bugs are found about Hampſted, as in Cain and Biſhop's-Wood, &c.

13. *Cimex* oblongus nigricans *Muſcæ* facie. Black Fly-Bug; three quarters of an inch long: it is wholly blackiſh, and much of the ſhape of a fly; the whole wings ſeeming mottly membranaceous: its horns are long-jointed, rather reſembling legs. Found in the ſpring, under a wall beyond Acton.

14. *Cimex* oblongus nigricans, margine maculatâ. Spotted, Black Fly-Bug: ſhorter and ſmaller than the laſt; its horns many-jointed and mottled with black and white, as are its legs; the tips of its wings more impreſſed than the laſt; its edges or ſides tipt with yellow. Found very frequently in the flowers of Golden-rod, in Cain-Wood.

15. *Cimex* oblongus virеſcens. Greenith Bug-Kin G. N. Cat. Angl. 64. *Cimex* virеſcens Gaz. 50. 10. & C. In length about ⅖ of an inch; of a pale green, with long ſlender horns; the body blackiſh. Brompton-Park, Sept. 1696.

16. *Cimex* oblongus pеranguſtus fulvus. Marbled Bug-Kin G. N. Cat. Angl. 65. *Cimex* è rufo flaveſcens Gaz. 50. 11. Body ſlender, reſembling a tipula; its back and ſhoulders black, mottled with pale yellow: the cruſty part of its wings buff.

17. *Cimex* oblongus venuſtè maculatus & ſtriatus. Gaz. 62. fig. 1. Fine-ſtreaked Bug-Kin. This is a gaudy inſect; its ſheaths finely ſtreaked with black; the tips and delt buff; its horns long-jointed and ſlender. Found by Mr. Dandridge in the ſpring, with the next, on the ſhrubs in Sir William Hickes's wood near Stratford.

18. *Cimex* oblongus, corpore fulvo ſemivaginatus. Short-ſheathed Bug-Kin. The body of this is buff ſpeckled with black; its wings, or rather ſheaths, are very ſhort, reſembling thoſe of ſmall graſs-hoppers: this is groſſer bodied than the laſt, and may be male and female.

19. *Cimex* ruber, atro bimaculato Gaz. 62. 2. Henbane Bug. *Cimex* ſylv. minor corpore anguſto oblongo, colore deſuper rubro, nigris maculis picto Ray Hiſt. Inſector. p. 55. *Cimex* miniatulus, nigris maculis notatus, *Hyoſcyamo* fere gaudens Lifter. tit. 39. Ray, p. 397. This is an elegant ſcarlet bug, ſpotted and marked with black. Found on Henbane.

20. *Cimex* minor languidus bimaculatus. Double-ſpotted Wane-Bug. Spotted in the midſt of its ſheaths like the laſt; but the whole body is much leſs, and of a faint wane colour. Found in the umbels of Cow-parſnip towards Hornſey.

21. *Cimex* minor nigricans, maculis rubris. Red-ſpotted Black Bug; ſmaller than the laſt; its legs, horns, and body black, except the edges of its wings and tips, which, with its delt, are reddiſh.

22. *Cimex* parvus è cinereo nigro marmoratus. Small Grey Mottled Bug. An elegant little inſect, marbled with black and grey. Found in Cain-Wood, about Auguſt.

23. *Cimex* parvus niger oblongus. Small Black Bug-Kin; more than half an inch long, and wholly black. Found early in the ſpring, near Park-Gate in Biſhop's Wood.

24. *Cimex* minor rotundus niger. Small Black Bug; pretty round and flat, wholly black: its horns broad-jointed.

25. *Cimex* minor rotundus niger, ano albo. Small Black Bug with a white Rump: ſame ſize and ſhape with the laſt, and wholly black, except its under wings and ſheath-tips, which are tranſparent.

26. *Cimex* minor rotundus niger, biguttulis albis. Small Double-ſpecked Black Bug. Leſs than the laſt, and all black, except a white ſpeck in the midſt of each ſheath. Mr. Dandridge found this early in the ſpring, on a dry bank near Iſlington.

27. *Cimex* minor rotundus niger, ſignaturis albis. Small White-marked Black Bug. A ſhining black, marked and ſpotted with white, as are ſometimes its ſhoulders in the middle, as well as edges.

28. *Cimex* rotundus niger parvus, ſignaturis albis. *Cimex* niger noſtras albo maculatus Gaz. 74. 7. *Cimex* ſylv. parvus, corpore rotundiore, colore nigro ſplendente, maculis albis picto Ray Hiſt. Inſect. p. 54. 5. Magpye Bug. *Cimex* niger maculis candidis notatus Lifter. Ray, p. 396. 37. Reſembles the laſt, but ſmaller. Theſe are often met with in the ſpring on ſunny banks.

29. *Cimex*

29. *Cimex* rotundus minor *Chalybeatus*, trimaculatus. *Cimex* ſylv. cœruleſcens paulò reliquis minor, & magis depreſſus D. Willoughby, Ray H. Inſect. p. 54. 6. Magpye Steel-Bug. Larger than the laſt, of a ſteel hue, with a white line along the ſhoulders: the tip of its delt and each ſheath has a white ſpot, which three ſtand in a line.

30. *Cimex* rotundus minor *Chalybeatus*, è rufo trimaculatus. *Cimex* 7 F. Willoughby, Ray Hiſt. Inſect. p. 54. 7. Magpye Steel-Bug, with red ſpots: ſomewhat like the laſt, but has a reddiſh caſt, with its three ſpots, in ſome lighter, in others deeper red.

31. *Ricinus* lectularius rotundus. The Round Bed-Tick. Theſe are of a cheſnut brown, very round and flat, about the circumference of a ſpangle. Franciſcus Spoletus, a learned phyſician of Padua, told me theſe were a great ſudorifick.

32. *Ricinus* lectularius oblongus. The Oval Bed-Tick. Like the laſt, but more oval. Theſe may be male and female.

33. *Ricinus* nemoroſus fuſcus. Brown Wood-Tick. Found frequently by Mr. Dandridge in Cain-Wood, creeping up oak-trees. Theſe are very troubleſome to human bodies, by faſtening their head into the ſkin.

34. *Ricinus* nemoroſus parvus rubicundus. Small Red Wood-Tick. Found with the laſt, but differs in being leſs, and the lower part inclining to a deep red. N. B. Theſe four laſt Ticks differ from the common Bugs, in being without wings, and having very compreſſed bodies.

CAP. IV. *Notonectæ, Scorpiones aq. Tipulæ*, &c.

Boat-Flies, Water-Scorpions, Spiders, *&c.*

1. *Notonecta* è nigro pallidoque mixta vulgaris, Gaz. 72. 6. Notonecta primæ Mouffeti ſimilis, ſi non idem F. W. Ray H. Inſect. 58. *Apis* fera aquatica Aldr. Inſect. p. 192. fig. prona & ſupina. The Common Party-coloured Boat-Fly, Hoefnagel, tab. 12. fig. 17. Near ¾ of an inch long; eyes large and black, as are part of its ſheaths and delt; the reſt yellowiſh: the hinder legs in all theſe are very long and feathery, ſtanding much backward, and uſed as oars in ſwimming. Theſe are pretty frequent in moſt ſtanding ponds.

2. *Notonecta* vaginis è luteo nigricante. The Streaked Pale Boat-Fly. This differs from the laſt, in being a ſize leſs, and the ſheaths almoſt wholly pale.

3. *Notonecta* vaginis flavicantibus Gaz. 75. 5. The Pale Boat-Fly. The ſheath all yellow, without any ſtreak of black, as in the laſt. Theſe are ridge-backed, and their bodies black. Found with the next.

4. *Notonecta* compreſſa vulgaris nigricans. *Cimex* aquat. figuræ longioris F. W. Ray H. Inſect. 57. Common Boat-Bug. Theſe are of all ſizes, from half an inch long to half a quarter, and even copulate as well as the bigger. They are narrower than the laſt, and flatter; very common in all ponds, and at all ſeaſons.

5. *Notonecta* compreſſa lata vulg. nigricans. *Cimex* brevis & ferè rotundus nigricans F. W. Ray Inſ. 57. Common Broad Boat-Bug. This is more than half an inch long, and near two-thirds as broad; in ſhape reſembling ſome of our middling Water-Beetles. What is remarkable in this, is its two fore-feet have each a ſhort claw ending in a crooked thorn, and a ſharp *proboſcis*, with which it endeavours to ſting when taken. Theſe are frequently found with the laſt, though not quite ſo common.

6. *Scorpio* aquat. bipilis vulg. Gaz. 74. 4. *Scorpio* paluſtris ad *Cimices* referendus F. W. Ray Inſ. 58. Liſt. Scarab. tab. 4. fig. 3. *Scorpio* paluſtris Moffet. p. 321. fig. 2. The figure of this gives you a quicker idea than a deſcription can: its whole ſurface of a dirty colour, but the body under its wings pure ſcarlet: it has two long briſtles at its tail: the fore-feet, or claws, reſemble thoſe of a Scorpion, whence its name. I have met with theſe creeping under water, at the ſides of ponds.

7. *Scorpio* aq. bipilis, corpore flaveſcente. *Scorpio* paluſtris Moffet. fig. 2. Pale Water-Scorpion. The body of this (under its wings) being pale, diſtinguiſhes it from the laſt. Found in the ponds in Cain-Wood.

8. *Scorpio* aq. nigricans, caudâ cuſpidatâ. *Scorpio* paluſtris Moffet. fig. 3. The lower part of this ſeems to be one wingleſs cruſt, terminating in a thorn-like point. Theſe are dark or ſad brown.

9. Scorpio *aquat.* caudâ cuſpidatâ minor. Small Sharp-tailed Water-Scorpion. Of the ſame ſhape, but not half ſo big as the laſt. It is like a dead leaf, or phillamot colour. Mr. Dandridge found this and the laſt in the lower ponds before you reach Cain-Wood.

10. *Tipula* maxima & longiſſima. The Long Water Scorpion-Spider. This very elegant inſect is about one inch and half from its eyes to the tail; and the two briſtles from thence above an inch: its legs are of the ſame make with the following kinds, viz. Long, Smooth, and Slender: the horns, which are alſo an inch long, are very remarkable; its firſt joints next the head are perfectly round and even; at the end of theſe are two others cloſe together, the laſt bending the middle joint backwards, the other inwards: about half an inch farther is a ſmall prickle, into which the ſharp tips cling, to hold faſt their prey: the outward ſheaths are of a dark grey; its under wings tranſparent and blueiſh, but the body under them of a curious orange. Mr. Dandridge takes notice, theſe run not on the ſurface of the water, as the following, but, like the Water-Scorpions, are found at the bottom. Theſe he obſerved in a pond beyond Hornſey-Wood.

11. *Tipula* impennis corpore craſſiore. Wingleſs Thick Water-Spider. Somewhat more than half an inch long; the head and tail conical, viz. pointed at each end, and thickeſt in the middle; its fore-legs much the thickeſt and ſhorteſt, the middle a very little longer than the hindermoſt, and all ſmooth like thoſe in gnats; its horns alſo long and ſlender jointed, from the middle to the tips.

12. *Tipula* impennis corpore tereti. Wingleſs Slender Water-Spider. Very like the laſt, but taperer from the middle of the body to the tail. Both theſe are void of membranaceous wings: this is covered by the laſt, therefore ſuppoſed to be male and female. Mr. Dandridge found theſe at a ſluice of the New River, in a green lane near Hornſey-Wood.

13. *Tipula* nigricans pedibus longioribus. Long-legged Water-Spider. This differs from the two laſt, in having wings, and being ſomewhat longer legged. Found in the New River, near Canbury-Houſe.

14. *Tipula* nigricans vulgatiſſima. Tipula 1 Liſt. Scarabeor. tab. 4. Common Water-Spider. Very like the laſt, but ſomething leſs, with ſhorter legs. In moſt ponds, ditches, and ſlow running waters.

15. *Tipula Londinenſis* anguſtiſſima Gaz. 9. 12. Narrow Water Spider, G. N. Cat. Angl. 61. Near half an inch long, and very ſlender. I have obſerved this in a pond at Green-ſtreet, between Kentiſh-Town and Highgate.

16. *Tipula* minor perbrevis. Rumpleſs Water-Spider. The hinder legs of theſe being joined ſo near the end of its body, that it ſeems to be cut in two, or to have no tail.

17. *Tipula* minor *Arancoides*, 2 Liſter Scarab. tab. 4. Golden Water-Spider. Tipula Hampſtedienſis brevior, ex croceo variegata Gaz. 9. 13. Body thick and ſhort; ſpotted with orange; covered neither with wings or ſheath. Found in ditches about Bell-ſize.

CAP. V. Scarabæi Miſcellanei

Are ſuch as are Heteroclite, or have been omitted.

1. *Cochinella* major purpurea. Glanvill's Purple Cochineel. This is ſomewhat leſs than the next, of a fine purple colour.

2. *Cochinella* major viridis oblonga. Glanvill's Great Green Cochineel. The ſurface of this is wholly ſhining and pounced, its horns bugled and ſlender; the body near half an inch long, and a quarter broad. This and the laſt were firſt diſcovered, and given me, by the late Mrs. Glanvill.

3. *Cochinella* media è cupreo viridis. Copper-Green Cochineel. Not half ſo big as the laſt; its head green, and ſheaths of an elegant changeable copper and green luſtre, pounced; the horns bugled. Mr. Dandridge found this on Box-Hill, the end of May.

4. *Cochinella* minor viridis, corpore craſſo. Groſs Green Cochineel. The body is thick and ſhort, about ¼ of an inch long, wholly green, and pounced: it has a particular wart-like knob in the Delta place.

5. *Cochinella* minor viridi aureus, corpore craſſo. Groſs Green-Gold Cochineel. Differs nothing from the laſt, but in having a ſlight golden luſtre. Found both in Cain-Wood.

6. *Scarabæus* minor viridis Muſei Petiv. 9. fig. Small Green Dock-Beetle. Found on the common Dock, and copulate about Midſummer.

7. *Scarabæolus* Chalybeatus. Small Steel-Beetle. A degree leſs than the laſt, and of a ſhining blue, like poliſhed ſteel.

8. *Scarabæolus* aureus capite lineiſque nigris, Gaz. 31. 4. Black-lined Golden Beetle, G. N. Cat. Angl. 98. Common on hazles, &c. in Cain-Wood.

9. *Scarabæolus* oblongus niger domeſticus, faſciâ latâ cinereâ. Small Grey-girdled Houſe-Beetle. The midſt of the body has a broad grey ſomewhat-ſpeckled liſt; whereas the head and tail are black. Frequent in our dwelling-houſes.

10. *Scarabæolus* oblong. domeſticus niger, ventre albo. Mealy-bellied Houſe-Beetle. Of the ſize of the laſt: the ſides of its head are hoary, its whole belly of a mealy white, but black above. It is often found amongſt flour.

11. *Scarabæus* oblongus minor veſpoides. Dandridge's ſmall Red-ſhouldered Waſp-Beetle. Its ſhoulders and upper part of the ſheath reddiſh; the reſt with its head black; two white liſts croſs the ſheaths. Mr. Dandridge found this elegant beetle on the rails of a gate on the New River near Newington Green.

12. *Scarabæus* parvus niger albo faſciatus & maculatus. Small Speckled Waſp-Beetle. The ground of this is black, double-liſted, with white waves: it has two eye-like ſpecks on each ſide the head, with a ſmaller in the middle. Not half the ſize of the laſt.

13. *Scarabæus* minor nigricans aſper. Small Black Rough Beetle. The back and ſheaths blackiſh, ribbed and ſpeckle-warted, near the ſize of a horſe-bean. Found by Mr. Dandridge on Hampſted Heath.

14. *Monachus* minor nigricans punctatus. Small Pounced Black Monk. Much leſs than the laſt: its ſheaths ſeem pounced with ſmall warts.

15. *Scarabæus* minor ovalis fuſcus ſericeus. Brown Velvet Egg-Beetle. This is ſoft, ſhining, brown with blackiſh ſpecks: when taken it lies as dead, and ſhrinks up its legs into their proper cavities, ſo that you cannot ſee them till again expanded. I firſt obſerved this about Epſom.

16. *Scarabæus* ſerricornu Aurantiacus. Orange Saw-Horn. Its head, ſhoulder, and ſheaths, are all orange; the legs and horns black; the laſt notched only on one ſide, like a ſaw; the body near half an inch long. Found among Nettle and Brambles.

17. *Scarabæus* ſerricornu niger. Black Saw-Horn. Not half the ſize of the laſt, and wholly black, except between its head and ſhoulders, which is orange.

18. *Bupreſtis* minor viridis, dorſo caſtaneo.

19. *Bupreſtis* parvus viridis, vaginis ad dorſum ruſis, extremitatibus cœruleſcentibus.

20. *Bupreſtis* parvus aurantiacus, nigro cruciatus. Found by Mr. Dandridge in the ſand-pits on Woolwich Heath. N. B. Theſe three laſt are better conveyed to the idea by figure than deſcription.

De Bombyliis Anglicanis.

I. Humble-Bees with a Single Circle about their Head or Shoulder.

1. *Bombylius* niger *major*, luteâ faſciâ, *ano* albente. This is one of the largeſt ſize, and all black, except a yellow ring about its head, and white rump.

2. Id. cruribus lutoſis. Its dirty legs are very particular, and diſtinguiſh it from the laſt.

3. *Bombylius* niger *medius*, faſciâ luteâ, *ano* albente. Very like the firſt, but ſomewhat leſs.

4. *Bombylius* niger *medius*, faſciâ anguſtâ, *ano* latè croceo. About the ſize of the laſt; a large part of the back and ſhoulders black.

5. Id. minor. Like the laſt, but not above half ſo big; its tail ſomewhat paler. Both theſe have very narrow girdles, and remarkable yellow faces.

II. Humble-Bees with Double Circles, one round their Head, the other about their Back.

6. *Bombylius* niger *major*, biſaſciis flaveſcentibus, *ano* albido. Much the ſize of No. 1. but has a broader body and two girdles.

7. Id. *minor*. Differs from the laſt only in being three times leſs.

8. Id. *minor*, biſaſciis luteis latis, *ano* croceo. This has much broader yellow circles, with a pale face, and orange tail.

9. Id. medius, *ano* ex croceo & albo cincto. Near as big again as the laſt; the lower part of the ſhoulder black, as is the girdle next the rump: between theſe is a broad changeable liſt of pale yellow.

10. *Bombylius* niger *major*, biſaſciis & *ano* croceis. Very like No. 6. but its girdles of a deeper yellow, and rump pale yellow.

III. Humble-Bees with Double Circles, the lower generally partaking both of the Shoulder and Back.

11. *Bombylius* niger *major*, faſciis bipartitis, *ano* albido. Of the ſize and make with the laſt, and chiefly differs in having a white rump: its lower girdle partakes both of the ſhoulders and back, as the following moſtly do.

12. Id. *medius*. Like the laſt, but not half ſo big.

13. Id. *minor*. Like the laſt, but much leſs; its lower circle very ſmall.

14. Id. *medius* flaveſcens. The ſhoulders and upper part of the back are moſtly yellow, as is its face; the rump white.

15. Id. *medius* albeſcens. About the ſize of the laſt, but much paler, and ſomewhat longer horns, with a hairy whitiſh face.

16. Id. *medius* albeſcens, facie atrâ nitente. Differs from the laſt, chiefly in having a black ſhining head, and hairy face of the ſame colour, with longiſh horns.

17. Id. *medius* albeſcens, ano flaveſcente. The rump yelloviſh, its face whitiſh, and is a ſize larger than the laſt.

IV. Humble-Bees without Circles, all or moſtly black.

18. *Bombylius* medius, ex toto niger. The body hairy and coal-black, of a middle ſize; the wings ſomewhat ſmoaky.

19. *Bombylius* medius, ex toto niger, niſi cruribus poſterioribus croceis. Like the laſt, but a degree leſs, and ſomewhat narrower bodied. What is particular in this is, the outer ſides of its hinder legs are of a ruſty colour; all the reſt black.

20. *Bombylius* niger *major*, *ano* croceo. This is next to the largeſt ſize, and all black, except the rump, which is orange.

21. Id. *medius*. Very like the laſt, but leſs.

22. Id. *major*, alis fumoſis, *ano* ferrugineo. Differs from No. 20. in having ſmoaky wings, and the rump paler.

23. *Bombylius* niger *parvus*, *ano* croceo. Like No. 20. but not a quarter ſo big.

24. *Bombylius* niger *medius*, *ano* pallente. Is more than as big again as the laſt, with a pale rump.

V. Humble-Bees with Long Bodies.

25. *Bombylius oblongus* niger, *ano* croceo. The head and upper part of the body are wholly black; the lower, or rump, of a ruſty tawny.

26. *Bombylius oblongus* biſaſciatus, ano pallente. About the ſize of the laſt; the circles croſs its head and ſhoulders pale.

27. Hive Bees, governed by a Queen, moſt beautiful, and larger than a Drone. No hive can ſubſiſt without her.

The Drones, viz. males, never had a ſting, get no honey, but hatch the brood: all are ſo governed, and die in about a year.

De Animalibus *Cruſtaceis, Echinatis, Stellatiſque* Britannicis.

1. Astacus Officinarum Dale Pharmac. Supplem. pag. 338. xx. vulgaris major. The Lobſter.

2. *Aſtacus* fluviatilis Dal. Pharm. 558. xii. *vulg. minor*. The Craw-Fiſh.

3. *Locuſta* major marina. The Long-Oyſter, or Thornback-Lobſter. Theſe come ſometimes amongſt the Lobſters and Crabs.

4. } *Squilla* { roſtrata major. The Prawn.
5. } { Offic. Dal. Sup. 338. xxi. roſtrata minor. The Shrimp.
6. } { lata major. The Great Bunting.
7. } { lata minor. The Small Bunting.
8. } { fluviatilis parva. The River-Shrimp.
9. } { lacuſtris minima, dorſo nutante Gaz. 21. 7. Cat. 3. Baker's Pond-Squill.

10. *Cancellus* vulg. *Buccinis* degens. The Common Whelk-Crab. Common about Pool in Dorſetſhire.

11. *Cancer* marinus maximus verrucoſus. *Pagurus* Venetorum. An *Pagurus* Rondelet, Piſc. 561. fig.? The Great Spider-Crab.

12. *Cancer* marinus parvus verrucoſus. The Small Spider-Crab. This and the laſt off of the Iſle of Wight.

13. *Cancer* Offic. Dale Ph. 558. xiii. marinus max. edulis. The Great Edible Sea-Crab.

14. *Cancer* fluviatilis Offic. Dale 559. xiv. c. 34. fig. Id. Gallic. 153. fluv. vulg. edulis. The Common River-Crab.

15. *Cancer* marinus, digitis hirſutis. The Spaniſh Crab, found at Deal.

16. *Cancer* minimus *Muſculis* degens. C. parvus in alienis Teſtis vivens. The Poiſonous Small Muſcle-Crab, often found in thoſe ſhells.

17. *Echinus* marinus Offic. Dale S. p. 339. xxiv. Liſt. Hiſt. Animal. Angl. 163. fig. 18. A Sea-Urchin, Rond. p. 578. fig. Id. Gall. 414. Found alive on our ſea-ſhores.

18. *Echinus* noſtras Sphatagus. E. minor anguloſus ex utraque parte compreſſus. Sea-Egg, Liſt. H. An. Angl. app. 28. tab. 1. fig. 13. At Hartlepool, Huntly, &c.

19. *Echinus* perexiguus Gaz. 32. 10. Cat. 4. Sea Urchin-Egg.

20. *Aſellus* marinus noſtras parvus. Small Sea-Louſe. I have found this ſticking to ſtones, near Malden in Eſſex.

21. Stellula *Hibernica* glabra Gaz. 16. 8. Cat. 6. Lhwyd. Small Donegal Sea-Star.

22. *Stella* pentadactyla vulgatiſſima. Common Five-Fingers.

23. *Stella* pentadactyla echinata. S. *Hibernica* echinata Gaz. 16. 6. Cat. 5. An S. pectinata? Iriſh Warty Five-Fingers.

24. *Stella* pentadactyla radiis anguſtis echinatis. S. echinata. Prickly Five-Fingers. Found with the two laſt about the Iſle of Wight.

25. *Stella* pentadactyla Cambro-Britannica purpurea. Purple Welſh Five-Fingers. Found about Tenby in Pembrokeſhire.

26. *Stella* pentadactyla lævis, radiis teretibus. An. S. lævis? Rowel Five-Fingers. Found with the laſt.

27. *Stella* decadactyla, modiolo radiato. S. decem radiorum. S. decadaſyactinoeides Col. Bearded Ten-Fingers. Found about Penzance in Cornwall.

28. Stella *Solaris* duodecim radiis. An. S. tredecim radiorum Cluſii Exot. 144. reſembling this? Twelve-Fingers. Found about Tenby, &c.

De Piscieus *Fluviatilibus* Anglicanis.

Fresh-Water Fishes found in our Lakes, Meres, Pools, Ponds, Brooks, or Rivers.

SECT. I. Pisces Anadromi, or Sea-Fiſh that come up Rivers at certain Seaſons.

1. THE *Salmon*. Salmo *vulgaris*. Salanx *Grec.* Salmo *Lat.* Saulmon *Gallic.* Minſh *Hiſp.* It is ſaid to receive its name *à Saltando*, from *leaping*; others, *à Sale*, it being ſo frequently *pickled*: yet many countries call them by different names, according to their age or ſeaſon; as, in Switzerland and on the Rhine, from the ſpring to St. James's day, they call it Salm; and from thence to St. Andrew's, the end of November, Lachs: In Yorkſhire, the firſt year they are called a Smelt, Samlet, or Bradlin; the next, Sprods; the third, Morts; the fourth, Fork-Tails; and the fifth, Half-Fiſh, being then half grown, though ſome come to full growth in leſs time, and are then called Salmons, ſome of which have been ſaid to weigh above pounds.

They copulate belly to belly in freſh rivers, whither they come before autumn to ſpawn: it is ſaid they cover their eggs in ſand, and when hatched they grow incredible in a month's time, and after that they carry them to ſea.

In Glouceſter and Worceſter rivers they are very plenty, loving large ſwift waters, which ebb and flow: Thames has a ſhare of them.

They feed on dew-worms, minnoes, loaches, and other little fiſh: his beſt ground-bait is a great garden or lob-worm, and ſometimes oak-worms, dub-flies, cod and clap-baits: he alſo taketh the artificial fly; but he muſt be large, great-winged, with a long tail, reſembling the adderbolt or dragon-fly, which he will alſo take; but you muſt uſe a trowl, (as for the pike) for being a ſtrong fiſh, he will hazard your line, except you give him length. His chiefeſt ſeaſon of biting is from May to Auguſt, at nine in the morning and three in the afternoon, in a clear water, and when the wind bloweth againſt the ſtream. It is a wonderful ſweet fiſh, of extraordinary nouriſhment, and a great reſtorative in conſumptions.

2. The *Shad*. *Aloſa*, vulgaris; *Aloſa*, *Clupea*, vel *Triſſa*, Lat. *Chieppa*, Italis; *Cloſe*, Gallis; at Bourdeaux, *Coulac*; *Lucia*, at Rome; in Spain, *Saboga*; and by the Dutch, *Meyvviſh*: by the Greeks, *Thriſſa a tricon Capillos*, becauſe its bones are ſmall like hair, or the beardy awns in wheat and other corn.

It

It reſembles a herring, but is much broader and larger, viz. a cubit long, and four inches broad: between its gills and back-fin it has four round black ſpots: its ſcales are large, fall eaſily off, and are ſpeckled about the edges with black.

Theſe come from the ſea into the Severn in March and April, fat and full of ſpawn; but in the month after, return lean and ſhotten.

Albertus affirms, they are pleaſed with the tinkling of ſmall bells, and are allured into the nets (eſpecially in the night) by tying them to their ſides above water; which Rondeletius alſo confirms; and, if ſo, it is an argument fiſhes can hear.

They love red worms of all ſorts, waſps and gentles; in their guts ſea-fleas have been found.

It is a good fiſh, but ſo full of bones, that they are dangerouſly eaten without great care. Some aſſert their meat is hypnotick.

3. The *Smelt*. Eperlanus. *Rolebein* Germ. *Spirinchus* Schonfeld. It is called *Viola* from its violet or ſweet ſmell, and by us therefore a Smelt; and *Eperlanus*, quaſi *Perlatus*, from its fine pearly ſhining luſtre.

They are frequently caught with nets in the Thames above bridge, and are found in other great rivers: they generally lie at the tails of veſſels, and are angled for with a gentle at half-water; but the bait which exceeds all others, is another ſmelt cut into very ſmall pieces, which will give you ſport to admiration.

They are a fine, light, and eaſy-digeſted fiſh, and beſt in winter when full of ſpawn.

4. The Sturgeon. *Sturio*. Some call this alſo *Silurus*, though Schwenckfield and Francius make them two. Others term it *Acipenſer* both in Latin and Greek. *Eſturgeon* Gallis; *Stoer* Germ. *Sallo* Hiſpan. *Porcelletto* Italis.

Sturio, Julius Cæſar Scaliger affirms, is a Gothick word, and brought by them into other parts of Europe; which Olaus Wormius alſo believes, becauſe *Staur* or *Steer* ſignifies Large in the Daniſh language.

This fiſh being rarely caught about London, I ſhall therefore give you a particular deſcription of it.

Its body long and five-ſquare, with as many rows of pentangular bony ſcales: thoſe on his back riſe higheſt, and are between 12 and 15 in number, reaching only to his fin: the upper-ſide line runs quite to his tail, and are about 30; the lower line has much the ſame number with thoſe on his back: all theſe are white in the middle, and armed with ſtrong, crooked, ſhort thorns. His belly flat and ſmooth; his ſnout broad, long, thin and pointed, with ſmall eyes in proportion to his bulk, as is his mouth, which is without teeth or jaws, whence it is ſuppoſed to live by ſuction. His tail forked; the upper part much the larger and ſtrongeſt.

The fiſhermen in Sileſia obſerve a greater and a leſs; one with a blunt ſnout, another with a ſharp one.

They breed in the ſea, but come for refreſhment into large rivers about March; are rarely or never taken with hooks, but in nets; their nouriſhment being mud, excrements, and perhaps ſlimy animals like ſnails, though in their entrails only froth and jelly has been yet obſerved. Mr. Rogers, fiſhmonger, ſhewed me one caught in the Trent, which weighed 180 pounds, and was $7\frac{1}{2}$ feet long.

It is rarely eat freſh, but eſteemed as a great dainty pickled, which the Dutch and Germans do, cutting them into jouls and rands, barrelled up with vinegar, Rheniſh wine, and ſea-water, and ſo tranſport them to us in cags.

Petrus Foreſtus, in his 20th Book, Obſervation 12. commends the bones of this fiſh in a rheumatiſm: it is alſo ſaid to diſpel the cholick.

Of its roes in Muſcovy are made Caviare, or Caveer, by freeing them from their ſtrings, and waſhing with wine or vinegar, then ſpreading it on a board to dry: after this they ſalt it in a veſſel, mixing it well and maſhing it only with their hands: they then put it into a ſtean, or jar, with a hole at the bottom to let out its moiſture or pickle, covering it very cloſe, and preſſing it well down.

This jelly, or ſoapy maſs, is accounted very nouriſhing and a great provocative, by increaſing ſeed and exciting venery.

SECT. II. Pisces Lacustres, viz. Fiſh only found in Lakes and Meres.

5. The *Welſh* Charr. *Charra* Cambro-Britannica. This fiſh in Wales they call *Torgoch*, which ſignifies a red belly, which it has.

Mr. Ray took this to be the ſame with the next; and ſince Mr. Willoughby, in his Accurate Hiſtory of Fiſhes, has given a ſhort deſcription of this very fiſh, with ſome other particulars relating to it, I here briefly tranſlate them, that ſuch who reſide in thoſe parts, may oblige the publick by clearing this doubt.

This *Torgoch* is of a trout-ſhape, has a brown back, with nine dark broad ſpaces on the ſides, above the ſpotted line, with as many others of white between; every where ſprinkled with dark yellow ſpots: the firſt ribs of his belly and back-tail fins are of a beautiful white.

In Carnarvonſhire it is found in the following lakes, viz. Lanberris, Llin-Umber, Feſtiniog, Beitus, and in another near Caſſageddor in Merionethſhire, where they are ſmaller and earlier caught, viz. in Oct. and the reſt the following months, as Nov. Dec. &c. ſo that the ſecond lake-fiſhing commences when the firſt leaves off.

They live in ſhoals, and are taken in trammel-nets baited with proper food and caſt into the water, where they leave them whole days and nights, for the fiſh to come voluntary in; which it is ſaid they will only do at theſe ſeaſons, and not in the ſummer; though they then repair to the ſhallows, where they come to breed, and are frequently ſeen baſking on the ſurface of the lakes.

6. The Red *Charr*. Charra *Rubra*. So called from the colour of its belly at Winander Mere in Weſtmoreland, where every winter they are plentifully taken. The fiſhermen there ſuppoſe theſe to be the female of the next; which there is little reaſon to believe, this being twice as big as it, and differs alſo in having its fleſh partly white, with pale ſpeckles on its back; whereas the other has red fleſh and black ſpecks.

7. The *Gelt* or *Gilt* Charr. *Charra* alba. Suppoſedly ſo called from its ſilvery gilt ſides and belly: they are more eſteemed than the laſt, and accounted the greater dainty. It is ſaid they frequently float on the top of the water in ſummer.

8. The *Guiniard*. This is found in the lake of Bala, in Merionethſhire in Wales; as alſo in Hull's Water, a lake five miles from Pereth in Cumberland, where they call it the Schelly.

SECT. III. Pisces Fluviatiles Læves. Such as live in ſtanding Pools and Ponds, and have no Scales.

9. The *Bullhead*, *Call*, or *Miller's-Thumb*. Gobio *Capitatus*; Bot *Cremonenſibus*; Cop vel Kap *Carinthiis*; Grobbe *Germ.* Groppe *Helvetiis*; Keuling, Kulheit, & Kaulheupt, *Saxonibus & Miſnis*; Mul *alicubus*; Tholimam *Tridentinis*.

It takes its name from the largeneſs of its head, which is very big, flat, and broad.

In length it rarely exceeds ſix inches; his mouth large and round, with ſmall ſily teeth; little eyes, with golden circles; a yellowiſh back, with three or four black rows: each gill-fin has three briſtly nerves, round and finely notched: about the midſt of his belly he has two others, ſomewhat long, ſmall and whitiſh, with four nerves, the firſt largeſt, the ſecond ſhorter: between his vent and tail is another fin of twelve veins, and two on his back; that next his head ſhorteſt, with five nerves, generally blackiſh with a red edge: another fin, of ſeventeen ribs, reaches almoſt to the tail. At the opening of each gill he has a crooked thorn, which turns upwards: his tail round and finned, with eleven or twelve branchy ribs. The female, when ready to ſpawn, is vaſtly big, and carries her eggs in two black bags, reſembling dugs. Frequently found at the bottom of pebbly rivers, where they commonly hide under the ſtones. Taken with cadus's and other water inſects; but his principal bait is ſmall red worms. It is affirmed that they devour one the other.

10. The *Eel*. *Anguilla* vulgaris. So called (*ab* Anguis *ſimilitudine*) from its likeneſs to a Snake. It has been a great controverſy, whether the generation of this animal is equivocal or univocal; and, though rarely obſerved, yet the learned Doctor Charleton in his *Exercitations* proves the laſt, and ſays, he is ſatisfied they are viviparous, by ſeveral diſſections he has made; and that he once took eleven young ones out of the female's belly, whoſe head is leſs, with a ſharp ſnout; the male's bigger, with a flat one. They are ſaid to live ſeven or eight years, and out of water five or ſix days; but not ſo long with a ſouth wind as a north. Their fleſh is ſweet, and yields great nouriſhment. Its fat takes away diſcolourings in the ſkin from blows, &c. cures baldneſs, by causing the hair to grow; and eaſes the piles: being dropped into the ears, it helps old pains and deafneſs. The livers, with bayberries and myrrh, have been ſucceſsfully given to cauſe eaſy labour.

11. The *Eel-Pout*, or *Barbot*. Muſtela *fluviatilis*. This fiſh being rarely met with, but in the arches and eddies of the rivers Trent and Tame, we ſhall therefore give you here a particular deſcription of it, viz. From one to twenty inches long, and from the fore-fin on the back to the belly four inches. This was of a greeniſh aſh colour, powdered all over with ſmall round yellowiſh ſpots; the iris of the eye of a blueiſh colour; having two ſmall *cirri*, or wattles, iſſuing out of the noſe, near the mouth, and one larger out of the jaw; and four fins near the gills; the two ſmaller placed foremoſt, and the larger hindmoſt; with a ſtrait line running from the upper part of the gills to the ſetting-on of the tail; having alſo under the belly a fin reaching from the vent almoſt to the tail, with another on the back ſomewhat longer, and a fore-fin preceding it; the tail roundiſh, and not at all forked. His bait is a well-ſcoured red-worm, or, what tempts him more, a gudgeon.

12. *Elvers*. A ſmall ſort of Eels, or Congers, found in the Severn.

13. A Stone *Grig*. So called in Hertfordſhire. Dr. Merret ſeparates this from the next, whoſe difference we ſhould therefore gladly compare.

14. The Iſis *Lamprey*, becauſe found in that river near Oxford, where they call it a Pride, is thus deſcribed: his mouth is cut neither perpendicularly downward, nor tranſverſely, but hollowed as it were between two cheeks, without an under jaw, after the manner of leeches: it has on each ſide ſeven holes, that ſupply the place of gills; and on the top of its head one, not exactly between the eyes, which are very little, but more forward in the extremity of the head, near the upper lip. It is ſtreaked from the top of its back down to the ſmall line on its belly, which reaches from its mouth to the vent. Its tail ends ſpear-like, with a ſmall fin near it on the back. It moves by a winding impulſe of its body, without the help of any other fin but thoſe on the tail.

15. The Loche. *Cobitis* [illegible] barbatula. Theſe are [illegible]

ly caught in the New River, by every common angler, and by them called Stone Loches.

16. The *Minim*, *Minow*, or *Pink*. Phoxinus *varius*. So well known in all rills, rivulets, and ſmall turns of water, that it is needleſs to deſcribe it, or tell you that with a bit of a worm or brandlin you may eaſily catch them.

17. The *Salmon* Peal. *Salmerinus*. From the redneſs of its meat, and perhaps from its ſpecies. Theſe are ſo plenty in ſome rivers in Wales, that they often give them to their hogs.

18. The *Prickle-Back*. Pungitius *dorſo aculeato*. Called Banſtickles, Sharplings, or Stickle-Backs, from its ſix or more ſharp prickles on its back, which are as a defence from being preyed on.

19. The *Prickle-Belly*. Pungitius *utrinque aculeatus*. Though this, without diſtinction, by the vulgar is called by all the titles of the laſt, yet it manifeſtly differs in having only three prickles on its back, and as many on its belly. Theſe two or three laſt are the common angling-ſport of ſchool-boys.

De COCHLEIS *Terreſtribus ac Fluviatilibus* Britannicis.

1. COchlea maxima *Pomatia* dicta Muſei Petiver. 12.
2. Cochlea *Hortenſis* vulgaris Muſ. Pet. 13.
3. Cochlea *Hort.* unicolor, umbilico parvo Gaz. N. tab. 50. fig. 14.
4. Cochlea *vulg.* teſtâ variegatâ M. P. 14. Gaz. 92. 9.
5. Cochlea vulg. ex toto flaveſcens Gaz. 91. 9.
6. Cochlea vulg. flaveſcens faſciâ ſingulari Gaz. 91. 10.
7. Cochlea vulg. ex toto carnea Gaz. 91. 11.
8. Cochlea vulg. carnea, faſciâ ſingulari Gaz. 91. 12.
9. Cochlea vulg. omnino fuſca Gaz. 92. 10.
10. Cochlea *paluſtris* marmorata, Muſ. Pet. 15.
11. Cochlea *terreſtris* turbinata & ſtriata Muſ. Pet. 16.
12. *Cochleola* alba faſciata Cantabrigienſis Gaz. 17. 6.
13. *Planorbis* terreſtris, &c. acie acutâ Muſ. P. 734. Gaz. 92. 11.
14. Planorbis *terr.* faſciata acie rotundâ Gaz. 93. 12.
15. Planorbis *terr.* minor, ſtriis tenuiſſimis Gaz. 93. 13.
16. Planorbis *terr.* minor, lævis & lucida Gaz. 93. 14.
17. Planorbis *hort.* minima, pulchrè ſtriata Gaz. 31. 5.
18. 19. 20. 21. 22. Buccinulum { heteroſtrophon oblongum majus. / heteroſtr. oblongum minus, &c. M. P. 703. / oblongum *Avenaceum* Gaz. 30. 7. / minimum *Avenaceum*. / minimum ovale Gaz. 36. 6.

COCHLEÆ FLUVIATILES.

23. 24. 25. 26. Cochlea fluviat. { vivipara *Londinenſis* Muſ. P. 814. / vivipara *Cantabrigienſis* Muſ. P. 815. / gyris altè inciſis Gaz. 18. 2. / oblonga Gaz. 18. 8.
27. 28. 29. 30. Buccinum fluviat. noſtras { oblongum majus Muſ. Pet. 805. / oblongum minus Muſ. Pet. 806. / breve, ore patulo Muſ. Pet. 807. / teſta prætenui fragili Muſ. Pet. 808.
31. 32. *Buccinulum* fluviat. *heteroſtrophon* { Gaz. 10. 8. / breve.
33. Nerita *Thamenſis* exigua reticulatim variegata Muſ. P. 718. Gaz. 91. 3.
34. 35. 36. 37. 38. Planorbis fluv. { major Gaz. 92. 5. / minor Gaz. 92. 6. / minor, acie acutâ Gaz. 10. 11. / minima, acie acutâ Gaz. 92. 7. / minima, margine rotundâ Gaz. 92. 8.
39. 40. 41. Muſculus fluviat. { maximus, tenuis. / major, tenuis Gaz. 93. 8. / anguſtus, craſſus Gaz. 93. 9.
42. *Pectunculus* fluviat. noſtras Nuciformis Muſ. Pet. 831.

De COCHLEIS *Marinis* Britannicis.

1. AUris marina *Anglica* Muſei Pet. 801. The Sea-Ear, or Norman Shell.
2. Balanus *Anatifera* Muſ. Pet. 802. Barnacle-Shell.
3. *Balanus* max. ore patulo M. P. 803. Great Ship-Barnacle.
4. Balanus *noſter* parvus vulg. M. P. 804. Small Barnacle.
5. *Buccinulum* maritimum, minimum. Marſh Dwarf Winckle.
6. *Buccinulum* medium, craſſum, ponderoſum & læve. An Liſt. Hiſt. Animal. Angl. p. 155. fig. 1. & Hiſt. Conchyl. l. 4. ſ. 14. fig. 4. tab. 913.? Smooth Crab-Whelke.
7. *Buccinulum* marit. noſtras, coſtis faſciatis & ſtriatis M. P. 809. Crab-Whelke.
8. *Buccinulum* marit. minus, coſtis faſciatis & ſtriatis. Small Crab-Whelke.
9. *Buccinum* alb. min. coſtis eleganter elatis M. P. 705. Small Winckle-Trope.
10. *Buccinum* teſſellatum minus, areis Hortor. frequens. Liſt. H. C. l. 4. ſ. 15. fig. 21. Small Grater-Whelke.
11. *Buccinum* Cornubienſe *minus è Caſtaneo & albo faſciatum* Gaz. 18. 5. & Cat. 119. Dell's Grater-Winckle.
12. Buccinum *Dactyloides* labroſum *Edinburgenſe* G. N. 79. 6. An Liſt. H. C. l. 4. ſ. 12. fig. 20.? Broad-lipped Leith-Winckle.
13. *Cochlea* marina, mucrone Catenata, G. N. 93. 7. An Liſt. H. A. A. 163. fig. 10. & Liſt. H. C. l. 4. ſ. 5. fig. 19.? The Humber Covin.
14. Cochlea *Orchad.* max. craſſa, faſciata G. N. 36. 11. Cat. 118. Great Orchad Covin.
15. *Cochlea* marit. noſtras craſſa, faſciata M. Pet. 813. Scarborough Covins.
16. Concha *Veneris* exigua, alba, ſtriata M. P. 17. Nuns.
17. Nerita *Anglic.* marit. flaveſcens vulgat. M. Pet. 716. Yellow Nerit.
18. Nerita *Anglic.* marit. fuſca vulg. M. Pet. 717. Brown Nerit.
19. Nerita *Orchad.* fuſca, faſciâ unicâ flaveſcente G. N. 34. 5. & Cat. 116. Single-girdled Covin.
20. Nerita *Orchad.* lutea, bifaſciis nigris G. N. 34. 4. & Cat. 115. Double-girdled Covin.
21. Nerita *Orchad.* flava, ſtriis capillaceis G. N. 34. 6. & Cat. 117. Hairy-girdled Covin.
22. Patella vulg. *Anglica* M. Pet. 827. Common Pap-Shell.
23. Patella *Cornubienſis* cornea G. N. 75. 3. lævis fuſca Liſt. H. C. l. 4. ſ. 1. f. 26. Horn Pap-Shell.
24. Patella *Anglica* parva, tenuis, cymbuli formis, lineis cæruleis guttatis M. Pet. 725. Blue-rayed Pap-Shell.
25. *Patella* cancellata, fiſſurâ notabili G. N. 72. 5. Liſt. H. C. l. 4. ſ. 1. fig. 28. Cracked Pap-Shell.
26. Planorbis minima, *Algis* freq. adnaſcens G. N. 35. 8. & Cat. 120. Wrack-Spangle.
27. Purpura rugoſa *Anglica* G. N. 93. 16. Engliſh Purple Shell.
28. Trochus *marit.* noſtras, orbibus elatis M. P. 846. Knotted Top-Shell.
29. Trochus *Anglic.* Spiralis M. P. 847. Flat Spear Top-Shell.
30. Trochus *Anglic.* ſpiralis minor M. P. 848. Round Spear Top-Shell.
31. Trochus *noſtr.* lineis latis obliquè rubentibus M. P. 849. Broad-waved Top-Shell.
32. Trochus *noſtr.* lineis anguſtis obliquè rufeſcentibus M. P. 850. Narrow-waved Top-Shell.

De *Pectinibus, Pectunculis, Oſtreis*, &c. Britan.

1. PEcten major noſtras vulgaris Muſei Pet. 829. Common Scallop.
2. *Pecten* minor latus Gaz. 94. 1. Small Broad Scallop.
3. *Pecten* minor anguſtus. Small Narrow Scallop. M. P. 850.
4. *Pecten* minor contuſus Gaz. 94. 2. An P. Liſt. Hiſt. Animal. Angl. p. 186. fig. 31.? Deformed Scallop.
5. *Pectunculus* maximus, craſſus, ſtriatus. An Liſt. H. A. A. 187. fig. 32.? Great Frill.
6. *Pectunc.* echinatus Liſt. H. A. A. 189. fig. 33. Prickly Frill.
7. *Pectunculus* medius ſtriis plurimis G. N. 93. 10. P. ſubfuſcus, ſtriis leviter tantum inciſis L. H. C. l. 3. fig. 169. Pool-Frill.
8. *Pectunculus* marit. noſtras edulis vulg. Muſ. P. 835. Common Frill, or Cockle.
9. *Pectunculus* minimus triquetrus G. N. 93. 11. An P. exiguus ſubfuſcus Liſt. H. C. l. 3. fig. 154.? Small Malden Frill.
10. *Pectunculus* maximus craſſus noſtras nigricans Muſ. P. 832. Great Black Cockle.
11. P. *max.* lævis, ferè radiatus Muſ. P. 833. Smooth Shining Rayed Cockle.
12. P. *minimus* lævis, intùs argenteus, cardine ſerratâ Muſ. Pet. 841. Gaz. 17. 9. Small Smooth Silver Cockle.
13. *Oſtrea* vulg. eſculenta Muſ. P. 822. Common Oyſter.
14. *Oſtrea* perlata, capite foraminoſo Muſ. Pet. 823. Perforated Pearl-Oyſter.
15. *Mytulus* albus minor G. N. 73. 1. Pectunculus exiguus albus, admodum tenuiter ſtriatus Liſt. H. C. l. 3. fig. 69. Guernſey Barge Cockle.
16. Glycymeris *Cornubienſis* craſſa marmorata Muſ. Pet. 816. Round Grater-Cockle.
17. *Lunula* major, faſciis rugoſis G. N. 93. 17. Liſt. H. C. l. 3. fig. 122. Rugged Moon-Cockle.
18. L. *Cornubienſis* faſciis capillaceis G. N. 93. 15. Thread-girdled Moon-Cockle.
19. L. *Orchad* faſciis tenuiſſimis G. N. 76. 1. Silk-girdled Moon-Cockle.
20. L. *Cornub.* faſciata & undata G. 75. 12. Ray-waved Moon-Cockle.
21. *Chama* noſtras, ſtriis capillaceis M. P. 811. Common Purr.
22. C. faſciata & radiata G. N. 94. 8. Girdled Beam-Purr.
23. C. alba, rotunda, faſciata G. N. 93. 18. Round girdled White Clam.
24. C. lata & compreſſa noſtras M. P. 810. Broad Flat Clam.
25. C. *lata* minor G. N. 94. 3. Small Flat Clam.
26. C. *lata* minor, cardine cochleato G. N. 94. 4. Small Spoon-hinged Clam.
27. C. lucens minor, pretenuis. Small Thin Shining Clam.
28. C. media craſſa Occidentalis G. N. 94. 7. Thick Pool Clam.
29. C. parva, capite rubro G. N. 94. 5. Small Red-headed Clam.
30. C. parva, cap. rub. faſciis pluribus G. N. 94. 6. Small Red-headed Girdle Clam.
31. *Muſculus* marit. vulg. edulis M. P. 820. Common Sea-Muſcle.
32. Tellina vulg. radiata lævis. An T. Liſt. H. A. A. 190. fig. 35. & l. 3. fig. 217.? Common Toothed Tellen.
33. T. compreſſa è rubro radiata G. N. 94. 9. An T. Liſt. H. C. l. 3. fig. 241.? Red-rayed Tellen.
34. Solen noſtras vulgaris Muſ. Pet. 844. Sheath-Shell.
35. Pholas brev. cardine foram. G. N. 97. 11. Short Peirce-Stone.
36. P. anguſtus, cardine foram. G. N. 97. 10. Long Peirce-Stone.

37. P.

37. P. minor non perforatus. An Liſt. H. C. l. 3. fig. 278. & Hiſt. A. A. 193. fig. 39. ? Lappet-hinged Peirce-Stone.
38. *Chama pholas* latus G. N. Tab. 79. 12. Concha lævis, &c. Liſt. H. A. A. p. 192. fig. 36. Smooth Baſtard Clam.
39. C. bifrons G. N. 79. 13. Concha altera, &c. Liſt. H. A. A. 191. fig. 38. Long-tongued Baſtard Clam.

Fossilia Cantiana:

Fossils found in the Chalk-Pits of Kent, &c.

1. *Columellus* turbinatus albus *Cretaceorum* Luid. Lith. Britan. p. 8. 137.
2. *Terebratula* vulgata *Eburnea* L. Lith. Brit. 41. 854.
3. *Echinites* galeatus vulg. ſeu elatus galeam referens è puteis *Cretaceis* L. Br. 46. 951. tab. 12. fig.
4. Echinites *pileatus* ſeu fig. conoide vel quodammodo Turbinata L. Br. tab. 12. fig. 957. p. 47. Echinites *Cretaceus* pyramidalis, quinis radiis in teſſellis interpoſitis Muſ. P. 126. Cap-Stone.
5. Echinites *cordatus* vulg. ſeu Echinus ſpatagus, vel Ovum marinum noſtratium referens, quinis incilibus donatus L. Br. tab. 32. fig. 964. p. 47. *Echinites* ſpatagoides *Cretaceus* Muſ. Pet. 127. Found with the laſt in Charlton Chalk-Pits, and called there Toads-Arſe.
6. Radiolus *glandarius* vulgari ſimilis in Cretoſis deliteſcens L. Br. 1000. p. 49.
7. Radiolus *gland.* pediculo longiuſculo ſubnixus L. Br. 1001. p. 49.
8. Radiolus *Cucumerinus* candidus L. Br. 1007.
9. R. *Cucumerinus* minor L. Br. 1008. p. 49.
10. *Aſtropodium* medium craſſiuſculum è *Fodinis Cretaceis* ſive Eburneum compactilius, dorſo lævi, minoribus adnumerandus D. Woodward L. Br. tab. 13. fig. 1113. p. 53.
11. *Entrocho* congener *Volvola* vulg. Eburnea L. Br. 1162. p. 56.
12. Volvola *doliata* ſeu Cadiſcum referens elegantior L. Br. tab. 13. fig. 1163. p. 57.
13. Volvola *utriculata*, aſteriſco in fundo inſignita L. Br. tab. 13. fig. 1164. p. 57.
14. Ocreatula *Luidii* 1167. p. 57.
15. *Ophiogloſſum* foſſile minus *Cantianum* L. Br. 1274. p. 64.
16. *Belemnites* electrinus minor, figuræ ad cylindroidem propius accedentis L. Br. 1706. p. 88.

Dr. Woodward found 17. and 18. in a gravel-pit, Black-Heath.

17. *Turbo* foſſilis albidus, in arenoſis deliteſcens clavellatus L. Br. 351. p. 21.
18. *Trigonella* minor, *ſive* vulgatior *Anglica* 8. 816. p. 40.

The three following found in ſhell-beds, Woolwich.

19. Unicornu foſſile, faſciis muricatis Muſei 737.
20. Unicornu *Cantian.* foſſile, orbibus compreſſis aſperis Muſ. 739. More rare than the laſt.
21. *Pectunculus* minor lævis fragilis.
22. Echinus *pileatus* elatior. } Found in the fields about Sit-
23. Echinus *pileatus* depreſſior. } tingbourn in Kent.
24. *Muſculis* accedens, *Conchites* maximus ſpoliatus ab *Arietini* teſticuli ſimilitudine *Criorchites* dictus L. Br. 767. p. 38. In a flinty ground about Dr. Plott's houſe, Sutton-Barn, Kent.
25. *Columellus* turbinatus minor ſubalbidus J. Woodward L. Br. 136. p. 8.
26. *Gloſſopetra* maxima cuneata *Cantianorum*, ſive anthracina lævis quatuor unciarum longitudine mucrone obtuſo L. Br. tab. 15. fig. 1259. p. 64. The largeſt yet found.

Fossilia Sheppeiana:

Fossils found in the Iſland of Sheppey.

1. *Talagmites* cereus, tubulorum in quibuſdam calculis marinis cavitates occupans Luidii Lithophyl. Britannic. tab. 1. fig. 50. p. 4. *Piped Waxen Vein* Muſ. Regal. Societat. 312. Found on the ſhores.
2. *Turbinites* denſis trochleis marmoreus, involucro ex *Vitriolo* ſpoliatus Luid. Lith. Brit. No. 352. p. 21. Found with moſt of the following on the ſhores near Miniſter.
3. *Turbinites* nudus vitriolatus, *Buccini* ferè aperturâ L. L. Br. 373. p. 21.
4. *Turbinites Vitriolo* imbutus, involucris leviter crenatis L. 374. p. 21.
5. *Trochites* medius clavellatus *Sheppeiæ* L. 407. p. 23.
6. *Muricis* Veneris Cat. Muſ. Aſhmol. Imago foſſilis *Vitriolata* L. 426. p. 23.
7. Echinites cordatus *Spoliatus*, ſive *Siliceus* acupictum involucrum exutus L. 968. p. 47. *Echinites* præter radios & annulis duplicatis inſignitus Liſt. Hiſt. Animal. 224. fig. 28. Plot. H. Ox. tab. 2. fig. 11. and tab. 7. fig. 9. p. 91. ſect. 33. and p. 128. ſect. 147.
8. *Gracirrhynchus* vulgaris rectus appendicula ad radicem utrinque donatus, *ſive* Gloſſopetra *roſtrum Corvinum* referens auriculata L. tab. 15. fig. 1260. p. 64. Well known to all the women and children in this iſland, by the name of Crampſtone.
9. *Gracirrhynchus* radice in vulgari quodam calculo ſepulta L. 64. tab. 15. fig. 1261.
10. *Gracirrhynchus* minor recurviroſter ſive mucrone ſurſum reflexo. L. 64. tab. 15. fig. 1262.
11. *Gracirrhynchus* atronitens cernuus, *ſive* acuminatus corneus mucrone acuto, deorſum vergente L. 1263. p. 64.
12. } *Gracirrhynchus* vulg. { *dextrorſum* falcatus L. 1264. p. 64.
13. } { *ſiniſtrorſum* falcatus L. 1265. p. 64.
14. *Ornithogloſſum* ſeſſile vulgare, *ſive* Gloſſopetra *Picæ linguam* referens L. 1266. p. 64. *Gloſſopetra* minor, *Ophiogloſſum* petræum, *Lingua* ſerpentum *ſeu* Natricum Wagneri Hiſt. Nat. Helvetice, p. 310.
15. } *Ornithogloſſum* { ſeſſile, latiuſculè mucronata L. 1267. p. 64.
16. } { recurviroſtrum, *ſive* mucrone ſurſum arcuato L. 1268. p. 64.
17. } { falcatum vulgare dextrorſum ſiniſtrorſum L. 1269. p. 64.
18. } { recurviroſtrum minimum L. 1270. p. 64.
19. } { minus ſinuoſum L. 1270. p. 64.
20. *Serrella* cornea Sheppiana L. 1276. p. 64.
21. *Scopula* litoralis anthracina, &c. ſive *Xyloſteum* nigrum, è minoribus, verriculo calceario ſimile L. 81. tab. 17. fig. 1594.
22. Salinarium trinare anthracinum majus, ſive *Ichthyoſpondylas* ſalinum referens, tribus utrinque naribus feneſtratus L. 84. tab. 21. fig. 1627.
23. *Salinarium* trinare minus ſive *Ichthyoſpondylas* anthracinus clapſydratus L. 84. tab. 18. fig. 1268. Reſembles the back-bone of a cod.
24. *Salinarium* trinare humilius L. 1629. p. 84.
25. *Salinarium* compreſſum & informe deletis naribus ſeu occluſis prorſus feneſtrellis L. 1230. p. 84.

Fossils found at Pyrton Passage,

On the *Severn*, in *Glouceſterſhire*.

1. PALE Triangle *Spar*, or *Cawke*.
2. *Star-Coral* Stone.
3. *Oak-Stone*; from the likeneſs it has to that wood.
4. Great } Creſted *Ram's-Horn*, { near Frethern.
5. Flat }
6. Small }
7. Thick, Red *Ram's-Horn*.
8. *Ram's-Horn* in long thin pieces.

N. B. *Ram's-Horns* are foſſils repreſenting a Snake, coiled round like a Ram's Horn, ribbed and jointed.

9. Great *Snail-Shell* Stone; from its reſemblance to that found in gardens.
10. Small Shining *Oyſter-Stone*.
11. Great Long *Stone-Oyſters*.
12. *Ague-Shell*; in Leiceſterſhire called Crow-Stones.
13. Small-bellied *Ague-Shell*.
14. Flat-headed *Ague-Shell*.
15. Great *Coverlid*.
16. Smooth *Fan-Scollop*, with a hooked bill.
17. Small Marble *Flat-Hearts*.
18. Great, Long-ſtreaked *Flat-Hearts*.
19. Rugged *Muſcle-Stones*.
20. Long *Muſcle-Stone*.
21. *Button-Stones*, with large orbits.
22. Yellow Shining *Needle-Stones* of divers ſizes.
23. Branched *Star-Stones*. This is a very elegant foſſil, branched like the twigs of a birchen rod, full of knotty joints. Theſe impreſſions are found in a ſort of flat, brown, clayey ſtone, or ſlate.
24. *Crows-Feet*; a ſort of Star-Stone.
25. *Star-ſtone* Wires.
26. Yelloviſh *Worm-Stones*.
27. A black rough body, with a double ſlant ſtroke.
28. Another ſmall, black, warty ſubſtance. Both theſe ſeem to be parts of a Lobſter, or other cruſtaceous animals.
29. Small *Dog's-Tooth Stone*.
30. Small *Palate Stone*.
31. Another, ſomewhat flatter.
32. Knobbed *Palate Stone*.

The Eleven following ſeem to be *Foſſil* Bones.

33. Great *Bone-Stone*, like a ſplayed foot.
34. Another, reſembling a hand of corn.
35. Another, ſmaller and black.
36. Black, Hollow Streaked *Bone-Stone*.
37. Another, with a deep ſtreak on the hollow ſide.
38. Stone *Curry-Comb*.
39. Black *Sawhorn*.
40. Latticed Black *Horn*.
41. *Saucer-Stone*. A Foſſil ſort of Vertebra, or Back-Bone.
42. Foſſil *Whales-Bone*.
43. Grey, Rough *Scaley Bone*.

The following are *Foſſil* Vertebræ, or *Saucer-Bones*.

44. Great Elbowed *Saucer Stone*.
45. Another, without elbows.
46. The *Whale* Saucer-Stone. This is ſeven inches about.
47. Divers ſmall ones.
48. A great round miſ-ſhapen one.
49. Another *Diſh*, or *Panchined* one.
50. A common one, very large and round.
51. The ſame, with ſharp edges.
52. Pieces of the ſame, all ſtoney.
53. Leſſer ones, very much worn.
54. Shelving *Saucer* Stones.
55. Small Flat-noſed *Saucer* Stones.
56. Giant Star *Saucer* Stones.
57. Jointed *Saucer* Stone.
58. Middling, Flat-cupped, Grey *Thunderbolt*.
59. Wreathed *Hair-Stone*.

N. B. Theſe two laſt come amongſt the Anomalous Foſſils.

Madam *Maria Sybilla Merian*'s History of Surinam Insects,

Methodized, with Remarks, by Ja. Petiver, F. R. S.

THIS celebrated Lady having publiſhed two Quarto Volumes of the Inſects, their Changes and Feed, of Germany and the Netherlands, (the firſt her native country, and the laſt her reſidence) here preſents us with the Hiſtory of ſuch as ſhe found and painted in Surinam, with their lively Figures, Changes, and the Plants they feed on.

CAP. I. Lizards, Frogs, and Serpents.

1. THE *Safeguard*. Tab. 4. Lacerta marmorea *Surinamenſis*, caudâ nigris zonis ornata. This is a beautiful amphibious Lizard, or ſmall Crocodile, of ten or twelve feet long: it feeds on fiſh, dead carrion, flies, ants, &c. Their eggs, which the Indians eat, are as big as thoſe of hens: theſe they lay in the ſand, and are hatched by the ſun. This ſeems to be the Guiney Pompom, a harmleſs bugle-ſkinned lizard, Gaz. tab. 15. fig. 6.

2. *Surinam* Stellio. *Tab.* 23. *Lacerta* Surinam. cœruleſcens, maculis albis. A harmleſs Lizard; the body blueiſh, with white ſpots, and a broad blue liſt along the back from head to tail. This laid four whitiſh round eggs, which hatched at ſea with the authoreſs in her return home; but the dam and young died for want of proper food.

3. *Wing-eared* Surinam *Frog*. Tab. 56. Rana *aurita* Surinam. *digitis globoſis*; from two extended flaps, or ears, placed between his head and ſhoulders. He is of a dark brown, marbled in ſeveral parts with green eye-ſpots and ſtreaks: what is very ſingular, he hath globular toes inſtead of claws, that he may with the more eaſe walk on the ſurface of moiſt mud, &c. Gaz. 150. 12.

4. Dorſiferous *Surinam* Toad. *Tab.* 59. Bufo *Surinam.* fœtis Dorſifer. The female of this ſtrange out-of-courſe animal breeds its young ones on its back, whereon are many cells, each containing an egg: theſe, when ready to ſpawn, you may ſee creeping out, as the figure curiouſly repreſents. The body is dark brown, their fore feet fingered, but the hinder webbed. Gaz. 151. 12.

5. Tun-belly *Snake*. Tab. 5. Serpens *marmorata* Surinam. *ventre tumido*; from the largeneſs and ſimilitude of that part. It is ſpotted like our Adder or Viper, but with greater variety, and finer. It lays ſoft eggs, as other ſnakes, ſpotted blue. Gaz. 151. 8.

6. Surinam *Ribband-Snake*. Tab. 46. Serpens *Surinam.* marmorata rubeſcens. The back of this is red, and belly white, but both finely marbled. Found at the root of a Jaſmine.

CAP. II. SECT. I. Single coloured Butterflies.

7. Whitiſh *Surinam* Butterfly. Tab. 58. *Papilio* Surinam. *è flavedine albeſcens*. Has the face of ſome of our common Engliſh white Butterflies, but yellowiſh below, with buff edges and marks; ſpotted with ſilver in the midſt of each wing. The caterpillar is hairy-tufted and briſtly, with ſaffron ſpots: it feeds on the Welted Bean-tree, and turned into a thread-pendent green coffin June 16. and 26th broke into the butterfly, three inches long, viz. between the tip of each upper wing, and one and a half broad. G. 149. 4, 5.

8. Surinam *Brimſtone-Butterfly*. Tab. 51. Papilio *Surinam.* flavus. Shape and ſize of the laſt, but yellow on both ſides, without any ſpots above. The caterpillar of the ſame colour, a little hairy, armed with five blackthorn-like prickles; the coffin brown, turned June 16. and the 30th it hatched. Gaz. 141. 7, 8.

9. Pale *Caſhew-Eye*. Tab. 16. *Papilio* Surinam. *pallidus, alis inferioribus ocellatus*. The greateſt part is of a yellowiſh white, the ſelvedge of the lower wings brown and eyed. The leaves of the Caſhew-apple is the food of this caterpillar, which is groſs and ſhort, thick ſet with large tufts of white hair, ſo long that it appears not unlike a ſhock dog. Coffin brown, common ſhape; which turned March 3. hatched the 18th. Gaz. 142. 16, 17, 18, 19.

10. Small *Pappaw Butterfly*. Tab. 40. *Papilio albus minor* Surinam. *margine flavo, maculis fuſcis fimbriatus*. The midſt of this ſmall butterfly is white, ſelvedged with yellow and brown ſpots on the lower edges. The caterpillar yellowiſh, with liver-coloured ſtreaks, and feeds on the Pappaw leaves: it coffined April 6. and hatched the 20th. Gaz. 145. 11. S. 12. U.

11. Golden Butterfly, with Black Guards. Tab. 38. *Papilio minor aureus* Surinam. *limbis nigris*. This is yellow in the middle, with two half-moons of the ſame colour; the reſt black. The caterpillar ſmall, ſmooth and yellow, ſtreaked with green: it feeds on the Wild Caſſada: it coffined May 6. and flew the 20th; near two inches long, and one broad. Gaz. 145. 8. M. 9. P.

12. *Blue* Surinam *Hair-Streak*. Tab. 13. *Papilio medius* Surinam. *cæruleus, ingrà ſubpurpureus*. A middling butterfly, about two inches long, and more than one broad; above wholly blue, except a yellow ſpot on the inner tip of each lower wing, with two white-girdled ſtreaks and a round yellow ſpot in the middle of each lower wing, near its edge. The caterpillar is ſmall, green, and beſet with pin-headed hairs, feeding on the Yellow Cluſter Plumb leaves: its coffin little and brown, remained from April 7. to 20. and then changed as above. Gaz. 142. 13.

13. *Grafs* Butterfly. Tab. 2. *Papilio* Surinamenſis, *è viridescente & nigredine mixtus*. An *Pap.* Jamaic. è fuſco luteſcente, ſubtus virescens, &c. Gaz. 13. 1.? This butterfly, above is equally mixed with dark brown and pale verdigreaſe; but below, moſtly of the laſt, with buffiſh inlets and ſomething of reddiſh. The caterpillar, found on Graſs, was pale green, with a blue head; its fore-legs, two neck-rings, a ſide-ſtreak and ſpots above, red; the body ſomewhat hairy, with two tail-briſtles of the ſame. Its coffin buff, hanging by a thread; changed May 10. and 18. broke forth the butterfly as above, more than four inches long. Gaz. 140. 3, 4, 17, 18, &c.

SECT. II. Admirals, viz. ſuch Butterflies as generally have a White, Yellow, or other Field, in the midſt of their upper Wings; the reſt of other Colours.

14. Blue *Admiral*. Tab. 8. *Papilio* Surinam. *cæruleſcens, campo albo ſubtùs ſanguineo*. The ground of this, above is a mixture of blackiſh and pale blue, with a white field in the midſt of the upper wings, which with ſome ſmaller white marks are ſeen below, with ſeveral bloody partitions and ſpots. The caterpillar feeds on the Red Flowered Jaſmine; its head yellow, rayed with thorns; the body ſmooth, greeniſh ſtreaked with blue, as is its forked tail with that and yellow: the coffin yellow, and of the common ſhape; commenced Sept. 20. Oct. 11. came out three inches and a quarter long, one and a half broad. Gaz. 141. 3, 4.

15. Brown *Surinam* Admiral. *Tab.* 35. *Papilio* Surinam. *fuſcus, areis flavis*. Above, it is of a brown ground, with yellow alleys; below, much the ſame, but ſpotted. The caterpillar (feeds on a Necklace-podded Coral-tree) is ſomewhat hairy, reddiſh, with white ſtreaks on its back: this turns into a yellowiſh thick coffin, blotted and girdled with red: it has a ſmall mixture of green from the broad end to the middle; it changed April 1. and hatched the 15th into the butterfly, five inches long, and two broad.

16. Brown, Grailed, *Surinam* Admiral. *Tab.* 32. *Papilio* Surin. *fuſcus, areis flavis, ſubtùs punctatus*. This, above reſembles the laſt, but differs below in being finely pounced with various fields and differing yellow eye-ſpots circled with white. The caterpillar is ſmooth and green; hath a forked head and tail; the laſt yellowiſh and blue; the other, with its mouth and ſide-lines, purple; the loweſt yellow, as are its girdles: its beautiful coffin mottly purple, with ſome green and ſpeckled with ſilver: this changed May 20. June 4. hatched, near five inches long, and two broad. Gaz. 144. 1, 2.

17. Dark *Surinam* Admiral. *Tab.* 36. *Papilio* Sur. *nigreſcens, areis albis maculiſque flavis*. Its ground is very dark, with long white alleys; the outer ſomewhat ſpotted, as are the ſelvedges of the lower wings, with yellow: the upper wings, below are purpliſh, the lower tawny with two yellow ſpots. The caterpillar ſmooth, large, and marbled with tawny black and white: its coffin thick, ſhort, ſame colours: this changed April 14. the 26th hatched a butterfly four inches long, and above one and a half broad.

SECT. III. Atlasses. Theſe are Great-eyed Butterflies of the largeſt Size, and are more or leſs adorned above with a glorious ſhining Blue.

18. *Azure* Atlas. *Tab.* 53. *Papilio* Surinam. *azureus, anguſtâ margine fuſcâ*. The upper ſelvedge of this beautiful inſect is very narrow and brown, with white ſpots; the reſt deep blue with ſilver ſhades: it is brown below, with three large eyes in each wing, with greeniſh waves edged with tawney and white: it is ſix inches long, and three broad. The caterpillar feeds on a ſort of Medlar, is yellow ſtreaked with red, and each wing beſet with ſtiff prickles: its coffin arched with a bow-ſtring; otherwiſe like thoſe of the common kinds. This and the next appear in January, and hatch about a fortnight after they have coffined. Gaz. 148. 4, 5, 6.

19. *White-liſted* Atlas. *Tab.* 60. *Papilio max.* Surinam. *lineâ albâ anguſtâ notatus*. This has a large brown ſelvedge on the upper wing, with a white ſtant through the middle; all the reſt blue: underneath it is very finely marbled, and adorned with three eyes, viz. one ſmall in the upper wing, and two in the other; the lower moſt magnificently large. The caterpillars are red, with four blue ſpots on each ſide, from whence ariſe black hairy briſtles: theſe ſpots on each ſide, from whence ariſe black hairy briſtles: theſe turn into a beautiful ſpotted coffin about new-year's day, and about a fortnight after hatch; are four inches broad, and almoſt eight long.

20. *Brown-ſelvedged* Atlas. *Tab.* 9. *Papilio max.* Surinam. *margine fuſco lunulato*. This differs from the laſt in being on the brown, with white moons inſtead of the liſt: it hath below ſix middling eyes, with two ſmaller in greeniſh circles; the reſt of the ground brown, ſhaded with purple, and edged with yellow waves. The caterpillar thick, large and ſmooth, mixed with yellow and red, ribbed with white eyes and ſtants: it feeds on the Pomegranate leaves; coffined April 22. and hatched May 8. ſeven inches long, and three broad.

21. *Brown Admiral* Atlas. *Tab.* 7. *Papilio max.* Surin. *fuſcus perelegans areâ cæruleſcente*. Next the body (unlike all the reſt) has a large brown field; as are alſo its edges, but waved and eyed with tawney and white: in the midſt is a large blue field mixed with ſilver towards the top, where it is wideſt. Finely veined underneath, moſtly with green; adorned with ſeven eyes variouſly circled; five inches broad, and near nine long if fully extended. The caterpillar large and green, ſet with ſhort red prickles, and hairy tufts; the laſt only near its head. It coffined April 20. and hatched May 6. Gaz. 141. 2.

22. *Buff* Atlas. *Tab.* 23. *Papilio* Surin. *max. ſubtùs perbellè oculatus ac marmoratus*, &c. Gaz. 28. 1. The upper wings of this are of a ſad buff or brown; the lower blackiſh, with a variable ſhade of blue next the body: below, it is elegantly marbled, and very remarkable for a large eye in each lower wing near the body, which is encompaſſed with part of the wings, very finely

grailed,

grailed, much reſembling thoſe of the common Netted Locuſt. Its caterpillar (feeds on Baccove leaves, a ſort of Plantane) has a hairy forked tail; the body brown, with four prickles on its back, with other hairy ones on its head. Its brown coffin was ſpotted on each ſide with ſilver; turned Dec. 3. and hatched before Chriſtmas; three inches broad, and above ſix long. G. 143. 1, 2, 21.

SECT. IV. CAUDATED, or Tail-winged Butterflies, commonly called PAGES.

23. Green, Streaked *Jamaica* Page. *Tab.* 29. *Papilio caudatus* Jamaic. *nigreſcens utrinque ex viridi aureo ſplendidè ſtriatus*, Muſ. Pet. 509. The ground of this black, very elegantly ſtriped with pale blue and ſhining green of a metallick luſtre; its length four inches, and breadth three, whereof its tail was one. Its caterpillar green (feeds on Shadock or Pumplenoſe leaves) finely beſet with hairy briſtles, longeſt towards the head and tail; the coffin brown and ſpotted; changed Aug. 3. and burſt the 19th. Gaz. 151. 3.

24. Red-ſtreaked *Maryland* Page. *Tab.* 43. Page de la Reine *Gallis*. *Papilio caudatus* Marianus *fuſcus, ſtriis palleſcentibus, linea & maculis ſanguineis ſubtùs ornatus* Muſ. Pet. 508. This reſembles the laſt in ſhape and ſize, but inſtead of its greeniſh luſtre is whitiſh, and underneath has a ſingular ſtreak through each lower wing. This caterpillar is black, ſpeckled with white, and hairy-briſtled, (very like that of our Engliſh Peacock's-Eye); but theſe at the end are ſtellated. This changed, April 3. into a brown coffin, and hatched the 17th.

25. Small Silver-ſpotted *Surinam* Cotton Page. *Tab.* 10. *Papilio* Surin. *caudatus minor, verruculis ex aureo argenteis ſubtùs elegantèr aſperſus* Gaz. 10. 9. This is a ſmall pale Butterfly, with browniſh tips; the two innermoſt the longeſt, with others much ſhorter, all tipt with white, and underneath finely boſſed with metallick ſhining bliſters. The caterpillar feeds on the Cotton-buſh, is ſmooth, of a whitiſh yellow ſpeckled with black. This changed June 19. and hatched July 24. Gaz. 141. 10, 11, 12.

SECT. V. CURL-WINGED Butterflies, are ſuch whoſe lower Wings are ſcolloped, curled, or indented; called by ſome CAROLS.

26. Red-ſpotted, Black *Carol.* Tab. 17. *Papilio dentatus niger* Surinam. *maculis rubris.* The ground of theſe black: each upper wing above has four white ſpots, and many red on both ſides of the lower. Its caterpillar is elegantly marked and ſtreaked with yellowiſh thorns on each wing, and two on his forehead: theſe feed on the Lime, or Wild Lemon-tree; and turn into a brown coffin, which burſts, the beginning of April, into a fly above four inches long, and two broad.

27. Green Roſe *Carol.* Tab. 31. *Papilio dent. viridis* Surin. *lunulis ſubtùs tricoloribus.* This is wholly dark green above, as are its upper wings below; but the lower brown-edged, with three rows of moon-like ſpots, the innermoſt red, middle blue, the outer yellow; of much the ſame make and ſize with the next, and change at the ſame time, viz. Aug. 30. it coffined, and hatched Sept. 14. Gaz. 144. 24, 25, 26.

28. Yellow Roſe *Carol.* Tab. 31. *Papilio dentat.* Surinam. *è luteo & nigro mixtus.* The ground of this is dark-brown; the middle yellow, as are its lunets: it is near five inches long and two broad. This and the laſt may be male and female, both hatched from caterpillars, which feed on the Changeable American Double or Roſe Holly-oak.

SECT. VI. LONGALES are Butterflies that have their upper Wings very long, and much narrower than the under.

29. *Guava* Longale. *Tab.* 19. *Papilio longipennis* Surin. *niger, ſcapis tranſparentibus.* The caterpillar of this is green and ſmooth, with a black face; its coffin common-like and brown. This in Auguſt, after a fortnight's lying, breaks into a black butterfly with tranſparent fields, three inches and a half long, and little more than one broad.

30. Small Tranſparent *Longale.* Tab. 35. *Papilio longipennis minor* Surin. *niger, maculis tranſlucidis.* This is much ſmaller than the laſt; the upper wings ſpotted, the lower pale and ſelvedged; the caterpillar brown and hairy. It coffined April 10. and hatched the 23d; was ſomething more than two inches long, and near one broad.

31. Tricolor *Longale.* Tab. 30. *Papilio longipennis* Surin. *è nigro luteo ac inferiùs rubro mixtus.* Its outer wings above are black and yellow; its inner ſcarlet, with a black ſelvedge. The caterpillar greeniſh, with very long whitiſh hair: it coffined May 3. and hatched the 17th into a fly near three inches long, and one broad. Gaz. 144. 4, 5, 6. 25, 27.

SECT. VII. MISCELLANY Butterflies, viz. ſuch as in ſome Reſpects agree not with the former.

32. Broad-winged *Caſſada* Butterfly. *Tab.* 4. *Papilio* Surin. *ex albeſcente & fuſco mixtus, maculis lunulatis ſimiriatus.* The caterpillar is brown and hairy; feeds on the Yucca, or Caſſada: it coffined June 12. and July 1. broke out a pale and brown butterfly, with lunetted ſelvedges, three inches long, and one and a half broad. Gaz. 143. 21.

33. Arnotto *Butterfly.* Tab. 44. *Papilio medius viridis* Surinam. *ſubtùs rubeſcens.* This is about two inches long and one broad, green above, reddiſh below, with a broad large white ſtant from the midſt of its lower wings. The caterpillar ſcarlet, with yellow circles and red hair; feeds on the Urucu, or Arnotto: April 4. it turned into a hairy red coffin, and May 6. changed as above. Gaz. 146. 4, 5, 6. 19, 20, 21.

34. Vanillia *Butterfly.* Tab. 25. *Papilio* exoticus *aureus, maculis argenteis & nigris, ſubtùs elegantèr aſperſus*, Muſ. Pet. 519. Is of an orange colour ſpotted with black, as it is much more elegantly underneath with ſilver, eſpecially the lower wings. The caterpillar is ſcarlet ſtreaked with yellow, and feeds on Vanillia leaves: it turned, towards the end of May, into its chryſalis, or coffin, and hatched June 7. as above. N. B. Theſe butterflies are frequent in Jamaica, where the Vanillia has lately been diſcovered to grow: they are alſo pretty common in Carolina, where it may likewiſe probably grow, and might be ſoon diſcovered, if the curious would but carefully obſerve to what plants and flowers this inſect reſorts. Gaz. 144. 7, 9.

CAP. III. PHALENÆ, or MOTHS.

SECT. I. HAWKOMS, or HAWK-MOTHS; from the playing on the Wing, and hovering, like them; for they never ſettle whilſt feeding, having a very long Proboſcis, or Snout, to fetch the Dew out of Tubulous Flowers, as Jaſmines, &c. Many of theſe are wonderful large.

1. *Capſicum* Hawk-Moth. Tab. 55. *Accipitrina media* Surinam. *cinerea, corpore maculato.* This is a grey moth, undulated above, and ſtreaked below; about five inches from tip to tip, viz. between the extremities of each outer wing when expanded: on each ſide of its body are five round orange ſpots, with ſix white ones under them. Theſe fly in the night only. The caterpillar is green and ſmooth, with a white liſt down its back, and a purple below, with dots and ſtants between: on his tail is a crooked red horn, pounced with black; and in marks and ſhape very much reſembles our Engliſh Privet caterpillar; feeds on the leaves and fruit of the Capſicum, or Guinea Red Pepper. Jan. 22. it turned into a ſnouted brown coffin, which changed Febr. 16. Gaz. 142. 10, 11.

2. *Caſſada* Hawk-Moth. Tab. 5. *Accipitrina major* Surinam. *cinerea, corpore maculato.* The three upper rings of the body, next the ſhoulder, have on each ſide an orange ſpot: both wings above are finely waved with black and white; and it is ſeven inches between each tip. The head, feet, and tail, of this caterpillar, are red; the body five inches long, ſmooth, large, and black, with white girdles; its tail horned. They are ſo great devourers of the Caſſada, that ſome years they cauſe a dearth or ſcarcity of that bread. Theſe, in December, after they have caſt their ſkin, change into a brown ſwadled coif coffin, which a month after turns into the aforeſaid hawkom. Gaz. 140. 8, 19, 20, 21, 22.

3. *Male*, or Leſſer *Hedge-Coral* Hawk-Moth. *Tab.* 11. Accipitrina *major fuſca* Surin. *undata, ſeu* Mas. Gaz. 142. 1.

4. Female, or Greater *Hedge-Coral* Hawk-Moth. *Tab.* 11. Accipitrina *max. fuſca* Surin. *ſeu* Femina. Both theſe are green, brown, marbled moths, which hatched a various changing caterpillar: theſe thrice a year infeſt a tree, which the Dutch in Surinam call Paliſaden Boom, or Paliſado Tree, making beams, boards, and pales of it. Theſe caterpillars are yellow, with black rings, armed with ſix ſpikes. Before theſe have acquired half their growth, they change their outer ſkin, and become of an orange colour, with a black ſpot on each ſide of every ring, ſtill retaining their ſpikes or thorns; and in a few days they change again, and then loſe them; otherwiſe like thoſe in the laſt ſtate, except much larger, viz. four inches long, and proportionably thick. Theſe coffined April 14. 1701. and mothed June 12. the male ſix inches, the other more than ſeven long. G. 141. 13, 14, 15, 16, 17, 18, 19.

5. Greater Marbled *Fig Hawk-Moth.* Tab. 33. *Accipitrina* Ficoides major *Surin.* è fulvo & fuſco mixta. The body of this is dark brown, as is the ground of its wings; the reſt buff. This ſeems the male of the next, and is above five inches long.

6. Leſſer Brown *Fig Hawk-Moth.* Tab. 33. Accipitrina *Ficoides* Surin. *penè fuſca.* This has a buſhy tail, as the other was pointed; the wings murray, or dark brown, with very little buff; above four inches long. Both theſe came from the ſame caterpillar, which is at firſt green, ſtreaked with yellow, and tail-horned: theſe afterwards turn into an orange colour, circled with red, but head and tail black; thick as one's thumbs, and near ſix inches long: in this ſtate it eats not, but turned into a brown coffin March 22. hatched April 12.

7. Grey, Marbled, *Guava* Hawk-Moth. *Tab.* 57. Accipitrina *media* Surinam. *cinerea, undis nigris, corpore maculato.* Between each tip was four inches and a half; the wings grey, finely marbled; the body dark, with five round orange ſpots on each ſide. The caterpillar tail-horned, green, with ſix pale ſtants on each ſide, with an eye-ſpot between each; about five inches long, and finger thick: chryſaliſed May 20. into a bow-beaked reddiſh coffin. mothed June 14.

8. Pale, *Jaſmine* Hawk-Moth. *Tab.* 46. Accipitrina *cinerea minor* Surin. *alis ſubtùs flavoſcentibus.* This is a grey moth, about five inches between each tip: it has an eye-ſpot near the middle of each upper wing, below moſtly yellowiſh; the reſt grey. The caterpillar four inches long, ſmooth and green, with black girdles, and a broad yellow one near the neck; coffined Febr. 12. and mothed March 16.

9. Orange, *Goliah* Hawk-Moth. *Tab.* 52. Accipitrina *max.* Sericifera *Surinam.* undata, albis quatuor feneſtris. This is above eight inches long, and three and a half broad in the middle, and four and a half on the outer edges: it has a broad waved ſelvedge; the reſt brown, with crooked white ſtreaks, and in the midſt of each wing a large tranſparent window-pane, reſembling lantern or Muſcovy glaſs. The caterpillar eats the leaves of the China Orange;

Orange; is large, greeniſh with double yellow rings, the firſt beſet each with four ſtar-like hairy warts. The ſilk-bag is yellowiſh, and the SILK ſo ſtrong, that in Holland it is judged to be better than the common. It coffined Febr. 18. and lay till March 11. N. B. This, in ſhape, ſize and colour, comes near Petiver's large Indian Moth, Gaz. Tab. 8. 17. 148. 1, 2, 3.

10. Orange-ſpotted *Hawk-Moth*. Tab. 38. Accipitrina *longipennis cinerea* Surin. *undis nigricantibus*. This is almoſt ſeven inches long, and not two broad; its upper wings finely waved and marked, the lower orange ſhouldered, the reſt clouded: the body has three remarkable orange ſpots on each ſide. The caterpillar feeds on the Spaniſh Phyſick-Nut; is tail-horned, ſhort-haired, greeniſh, with a ſcarlet liſt on the back, yellow-ſpotted and ſlant-ſtreaked, with a large white one from the horn. It coffined June 23. hatched Aug. 20. following: its ſnout makes a bow or ring to the coffin. Gaz. 145. 9. O. P. M. N.

11. Peacock-Creſt *Hawk-Moth*. Tab. 42. Accipitrina *media* Surin. *cinerea corpore luteis & albis maculis ornata*. This is a grey waved moth, about four inches long, and one and a half broad; its lower wings broad liſted. The caterpillar horn-tailed, ſmooth and grey, with white ſlants and eye-ſpecks under them. The coffin ſcarlet, and bow-ſnouted like the laſt; turned Jan. 22. hatched Febr. 16.

12. *Great Sop* Hawk-Moth. *Tab.* 3. Accipitrina *major* Surinam. *fuſca marmorata, corpore maculato*. This is a brown moth, marbled with black and white, the upper part of the lower wings tinged with yellow, the ſides of the body ſpotted with the ſame colour: this was eight inches extended, and not above two deep. The caterpillar large, ſmooth, tail-horned, green with white ſtreaks: this changed into a coil-ſnouted red coffin Aug. 18. hatched Sept. 12. Gaz. 140. 8, 9.

13. *Sour-Sop* Hawk-Moth. *Tab.* 14. Accipitrina *minor* Surinam. *fuſca, marmorata, corpore maculato*. This is marbled like the laſt, but much leſs, viz. but four inches long, and one broad: the under wings brown, ſtreaked with white. The caterpillar ſmooth, tail-horned, and moſtly green: June 22. it turned into a reddiſh crook-ſnouted coffin, and mothed Aug. 23. Gaz. 142. 5, 6, 7. 10, 11, 12.

14. Surinam *Queen-Hawk*. Tab. 20. Accipitrina *permaxima* Surinam. *elegantiſſimè undata*. Is a very large ſpecious wave-marbled moth, about nine inches long and three broad. The caterpillar above five inches long, and proportionably thick, circled with broad black and narrow green rings, with a white liſt on each ſide from head to tail, the laſt horned, and hair-tufted along the back: it fed on the leaves of the Gambodia-tree; coffined the end of April, and was covered with an oval ſilk-bag as big as a hen's egg, which hatched June 3.

15. Surinam *Garden Hawk-Moth*. Tab. 39. Accipitrina *media* Hortenſis *marmorata è* Surinam. Its upper wings marbled with grey, white and black, juſt five inches long. The caterpillar four, finely marked with green, black, white and red; neither tail-horned, or ſlanted: about the end of May it ſpun or wove a ſilk-bag over its reddiſh coffin, and hatched June 20.

16. Greeniſh *Surinam* Vine *Hawk-Moth*. Tab. 34. *Accipitrina* Surin. *major virideſcens*. The body and wings of this are moſtly green, the laſt near five inches long: the caterpillar rather more, and very thick: it was ſwelled near the head and tail, with a black ſpot on the top of the laſt, and a white ſpeck in the middle, which it raiſed and fell as often as it breathed. This greedily devoured the leaves of the Blue Grape: it coffined Aug. 26. and hatched Sept. 25.

17. Grey *Surinam* Vine Hawk-Moth. *Tab.* 47. Accipitrina *major cinerea è* Surinam. This is moſtly grey and brown, except the ſhoulder of each lower wing above, which are partly green. This and the next are of the ſame ſize with the laſt; but this, being the female, is ſomewhat ſhorter, and the colours leſs beautiful.

18. Purple *Surinam* Vine Hawk-Moth. *Tab.* 47. Accipitrina *major purpuraſcens è* Surinam. This, being the male, is painted with finer and more vivid colours, viz. purpliſh and green, with brown intermixed: the coffin of both, much the ſame ſhape, and reddiſh colour, as is the caterpillar, and green with four large yellow ſpots on each ſide, and a long tail-horn: it is ſmooth, and three inches in length: theſe feed on the leaves of the White Grape. Both theſe coffined and hatched at the ſame time, viz. between the middle of May and 6th of June.

SECT. II. OCULATED MOTHS.

19. Dun, *Surinam*, Eyed Moth. *Tab.* 6. Phalena *Oculata* Surinam. *fuſca*. Is near four inches wide, (i. e.) between the tips: it has a white thread, or ſlant liſt, through the midſt of each upper wing, with two large black eyes circled with yellow on each lower wing: its caterpillar red, ſtreaked with yellow, thick ſet with hairy briſtles: Aug. 4. this changed into a ſilk-bag, and hatched 30th. This and the next feed on a ſort of Thorny Night-Shade, called there Maccai. Gaz. 140. 10, 11, 12, 13, 14, 15.

20. Marble, *Surinam*, Eyed Moth. *Tab.* 6. *Phalena* Oculata *Sur.* marmorata. Is about three inches wide, finely marbled with brown, white, and a caſt of yellow: the tip of each upper wing is ſpotted like a heart, and the midſt of each under ſeems oculated. The caterpillar yellow, ſpotted with black; the head and tail all black: this is hairy like the laſt, but with ſhorter briſtles: theſe have a peculiar quality, in forming coils or rings, by joining head and tail one to another, and quickly return again if parted. Changed July 20. into a ſmall ſilk-coffin, and hatched Sept. 24. Gaz. 140. 13.

21. Oculated *Banana* Moth. *Tab.* 12. *Phalena* Oculata *Sur.* campo nigro. Four inches wide: each upper wing has three broad waves of yellowiſh and brown, with a black field in the middle; the lower have two large eyes, ſpotted and circled with black, in a yellow ground with pale edging. The caterpillar four inches long, of a pale green, thick ſet with hairy briſtles: this feeds on the Banana leaves: it changed into a ſilk-bag April 22. hatched May 10. Gaz. 141. 20, 21, 19.

22. *Oculated* Lilly-Moth. *Tab.* 22. *Phalena* Oculata *Sur.* trifaſciata. This is ſcarce to be diſtinguiſhed from the laſt in ſhape, ſize, or undulations: it has a ſmall ſpeck on each ſide its body about the ſhoulders, inſtead of the black field the other has in the midſt of the upper wing. The caterpillar ſeems the ſame, in make and briſtles, as No. 20. Tab. 6. but the laſt are very ſtiff, and the body ſpotted with blue and yellow circles: it feeds on the Red Lilly; ſilk-bagged June 4. hatched 30. G. 143. 6, 7. 14, 15, 16.

SECT. III. MIDDLING MOTHS.

23. White *Surinam* Silk-Moth. *Tab.* 14. Phalena *albida ferricfera vulg. facie, è* Surinam. This is very like our European Silk-Moth; but the caterpillar, which is yellowiſh and hairy, feeds on the leaves of Sour Sop: it turned into its ſilk-bag Dec. 3. and hatched Jan. 24. Gaz. 142. 10, 11, 12. 5, 6, 7.

24. *Oil-Tree* Moth. Tab. 30. Phalena *media pallida* Surinamenſis. This, in ſize, ſhape, and colour, reſembles the laſt. The caterpillar is black, marked with yellow: it often covers half its body in a dead leaf; and when it wants food, it half exerts itſelf, like a ſnail from its ſhell: theſe hang themſelves to the plants they feed on, with many ſtrings at each end, like a hammock. Gaz. 144. 6, 27.

25. Small, Pale, *Muſk-Moth*. Tab. 42. Phalena *minor albida* Surinamenſis. Very like the laſt, but much leſs, and whitiſh with a dark ſpeck on each upper wing. The caterpillar, green ſtriped with black, turned into a ſcarlet chryſalis March 20. and hatched April 2.

26. White, Spotted *Surinam* Cotton-Moth. *Tab.* 10. Phalena *media* Sur. *alba, circulis nigricantibus*. Its outer wings near four inches wide, whitiſh, and ſprinkled with hairy-like feathers, with a yellow liſt along its back, and one on each ſide: its horns are pied and jointed. The caterpillar black, with red ſpots, out of which ariſe ſtellated hairs, or briſtles: this coffined March 20. and mothed April 28. Gaz. 141. 7. 11.

27. Pied Waved *Guava* Silk-Moth. *Tab.* 10. Phalena *media alba* Sur. *undis ſtriiſque nigris*. The body of this is pale, with black rings; the wings between two and three inches wide, whitiſh, with black ſtreaks and waves. The caterpillar three inches long, and one broad; white, with black waved rings and many red ſpots: out of theſe grow long-haired plumes: this turned Oct. 20. into a large egg-ſized ſilk-bag, hatched Jan. 22.

28. Small Pied *Cacao-Moth*. Tab. 26. Phalena *minor alba*, Surin. *nigro variata*. This is pied like the laſt, but much leſs, and differently marked: its caterpillar ſmooth, blackiſh, with red ſtreaks and white marks: they feed on the leaves of Cacao: it chryſaliſed March 26. mothed April 20. Gaz. 144. 10, 11.

29. Reddiſh *Water-Melon* Silk-Moth. *Tab.* 15. Phalena *media* Surinam. *ruſeſcens*. This in face and ſize reſembles our common Silk-Moth, but is reddiſh: the caterpillar of a very odd ſhape, ſomewhat ſquariſh, at each end blue, and green in the middle, with ſlimy feet; its other parts not ſo eaſily to be deſcribed by words, as conceived by the figure; which made our curious obſervatreſs expect from it as ſtrange an inſect: but ſhe confeſſes it was not the firſt time ſhe was deceived, ſince the oddeſt caterpillars have often produced common changes, and the meaneſt ſometimes the fineſt butterflies and moths.

30. Small, Reddiſh Pied, *Silk-Moth*. *Tab.* 28. Phalena *minor* Surinam. *è rubro alboque mixta*. The middle ſtate alſo of this moth, like the laſt, was very uncouth, viz. more like a ſmall crab than a caterpillar, and is ſaid to be poiſonous and burning by touching it. June 11. it chryſaliſed into a ſmall round ſilk-bag, mothed the 27th. Gaz. 144. 18, 19, 20.

31. Small *Oculated* Eave-Moth. *Tab.* 27. Phalena *minor* Surinam. *favoſcens, fuſco mixta*. This is a ſmall yellowiſh moth, mixed with brown, and has two eye-ſpots in the midſt of each upper wing, which ſtand ſhelving like the top of a houſe. Its caterpillar ſmooth, brown, and ſtreaked with red: this turned into a ſmall brown chryſalis Sept. 24. mothed Oct. 12. G. 144. 14.

32. Small, Marbled, *Surinam* Eave-Moth. *Tab.* 44. Phalena *minor* Sur. *cinerea marmorata*. This has the ſhape of the laſt, but much leſs, and marbled with grey: the caterpillar ſmooth, brown, and ſtreaked: it turned March 26. into a ſilk-bag, mothed April 10. Gaz. 146. 4, 5, 6. 19, 20, 21.

SECT. IV. Small SILK-MOTHS, and others.

33. Narrow Tawny *Silk-Moth*. Tab. 16. Gaz. 142. 8, 9. *Phalena* minor fulva, faſciis anguſtis. This ſmall tawny fly, with narrow waved girdles, webbed April 5. hatched 20. from a ſmall, ſwift, reddiſh caterpillar.

34. Long Tawny *Silk-Moth*. Tab. 54. *Phalena* minor oblonga *Surinam*. fulva, ſtriis fuſcis. Something like the laſt, but narrower, and with fewer ſtreaks: the caterpillar yellow-ringed, and ſtreaked black, brown head; chryſaliſed April 2. into a long ſilk-bag, mothed 14. Gaz. 148. 10, 11, 12, 13, 14, 15, 16, 17.

35. *Small, Blue-ſtreaked*, Muſk *Silk-Moth*. Tab. 42. Gaz. 150. 10, 11, 12, 13, 14, 15. *Phalena* minor fulva *Surinam*. ſtriis cæruleſcentibus. From a blackiſh caterpillar, with a red head and tail,

tail, and yellow girdles, which turned July 10. into a ſmall ſilk-bag, and mothed the 26th.

36. *Small Reddiſh* Ocra *Moth*. Tab. 37. *Phalena* minor *Surinam*. è flavo rubeſcens. The ground of the caterpillar is yellow, thick ſet with warts, and black-haired ſtars; chryſaliſed into a ſilk-bag Jan. 17. hatched the 28th into a yellow moth, ſhaded with red, as the painting repreſents it. Gaz. 146. K. L. 7.

37. Pappaw *Moth*. Tab. 40. *Phalena* minor *Surinam*. faſciis notuliſque flavis. The caterpillar is compoſed of black and white rings, with a green belly, from whence come ſeveral long hairs, which grow much thicker at the ends; chryſaliſed June 10. into a ſilk-bag, mothed July 3. into a lead-colour moth, with yellow circles, waved girdles, and part of the legs of the ſame colour. Gaz. 145. S. 12. T. 11. V.

38. Small Grey *Moth*, pounced and ſpotted with black. *Tab.* 54. *Phalena* minor *Surinam*. cinerea, nigro punctata. The caterpillar is black and white, with yellow chains, not hairy, but finely pounced; chryſaliſed June 4. mothed 21. Gaz. 148. 10, 11, 12, 13, 14, 15.

39. Small Tricolour Marbled *Silk-Moth*. Tab. 21. *Phalena* minor *Surinam*. pulchrè marmorata. The painting ſhews it marbled with black and pale green, with white veins interſperſed: the caterpillar whitiſh, with black rings, thick ſet with ſlight long-iſh briſtles, reddiſh at the bottom; chryſaliſed May 28. into its ſilk-bag, mothed June 7. Gaz. 150. 8, 9. 143. 8, 9, 11, 12.

40. Small Buſh-tailed *Battata* Silk-Moth. *Tab.* 41. *Phalena* minor *Surinam*. caudâ piloſâ. Gaz. 146. 22, 23.

41. Small Slender-tailed *Battata* Silk-Moth. *Tab.* 41. *Phalena* minor *Surinam*. caudâ tenuiore. G. 146. 22, 23, 24, 25, 26.

Both theſe produce ſmall hairy caterpillars, at firſt green: their motion is very quick, backwards or forwards: they change red, and then into a ſilk-bag about Aug. 24.; about the 30th mothed into the two varieties, as above, (N. B.) which I ſuppoſe are male and female.

42. The Pigmy *Ocra* Fly. *Tab.* 37. Phalena *fortè* minima *Surinamenſis*. The poſture of this ſmall inſect is ſomewhat obſcurely expreſſed: it was hatched from a ſmall white grub with black ſpots, which fed on Ocra leaves. March 1. hatched the fly above.

CAP. IV. Bees, Wasps,

And other Tranſparent and Membranaceous Winged Flies.

1. THE Black *Humble-Bee* with yellow Girdles. *Tab.* 48. *Bombylius* niger *Surinam*. zonis luteis. The legs, horns, and body black, except a yellow girdle about its waiſt, and three or four more near its tail: that part of its wings next the body is ſomewhat clouded, the reſt tranſparent. The caterpillar thick and ſhort, its body yellow and black, beſet with pencil-like hairy tufts of the laſt colour: this changed into a ſilk-bag Auguſt 3. and broke 15. into the bee. Gaz. 147. 7, 8, 9. 13, 14, 15.

2. The Streaked *Tawny Bee*. Tab. 36. Gaz. 145. 6. *Apis* minor *Surinam*. ſtriatus fulvus. Hatched in April, about ten days after it chryſaliſed.

3. The Green-bodied *Bee-Fly*. Tab. 58. Gaz. 149. 6, 7, 8. *Muſca* Apiformis *Surinam*. corpore viridi.

4. The Blue-bodied *Bee-Fly*. Tab. 58. Gaz. 149. 12, 13, 14. 4, 5, 9. *Muſca* Apiformis *Surinam*. corpore cæruleo. This has darkiſh wings, clouded in the middle; the lower part of its body blueiſh; but the upper part of the legs are red, with ſpots of the ſame about the head and ſhoulders. This and the laſt hatched from ſilk-bags, whoſe grubs fed on the Square-Bean tree.

5. The *Graſs* Bee-Fly. *Tab.* 22. Gaz. 143. 14, 15, 16. *Muſca* Apiformis *Surinam*. ex atro ſulphurea. This black and yellow fly hatches a ſmooth red caterpillar, with green and white ſtreaks; feeds on Graſs: it turned into a ſilk-bag Aug. 10. and hatched the 24th.

6. The Common *Surinam* Waſp. *Tab.* 54. Gaz. 148. 15, 16, 17. 10, 11, 12, 13. *Veſpa* vulg. *Surinam*. niger, zonis luteis. Theſe are very troubleſome to the inhabitants, and commonly build in their houſes.

7. *Surinam* Waſp-Fly. *Tab.* 60. Gaz. *Muſca* bipennis *Veſpæ* facie. Theſe reſemble our common Engliſh ſorts. N. B. The coffin, and its very hairy ſtrange large caterpillar, which our authoreſs ſays theſe flies came from, I am of opinion, produces a much larger inſect.

8. *Baſſ* Waſp. *Tab.* 1. Veſpa *Surinam*. fulva.

9. *Brown* Waſp. *Tab.* 60. Veſpa *fuſca*, Marybonſe *Surinamenſibus* dicta. Theſe are very vexatious to the inhabitants, abroad and at home, as alſo to the cattle: they are hatched from a ſmall white grub.

10. Flying *Ant*. Tab. 18. Formica *Surinam*. alata. Gaz. 142. 19, 20.

11. Naked *Ant*. Tab. 18. *Formica* major vulgaris. Theſe are ſo great devourers of the leaves of trees, and particularly the Guava, that in one night they will make them as naked as a broom. They have a peculiar way of quickly conveying themſelves from one tree or bough to another, after this manner: The firſt ant faſtens his teeth into the twig of a tree; the reſt cling to one another's tails, after the manner of a chain, and ſo long as to reach the next tree by the help of a wind, which is there ſeldom wanting. Theſe prey alſo on all inſects, but have a peculiar enmity to the ſpiders, with whom they have often great conflicts: they make large cells in the ground, ſometimes to the depth of eight feet, and large nefts on the branches of trees, with ſuch art that no weather can offend them: from theſe they march but once a year, and then make a general forage. Their eggs, or rather gentles, are much coveted and eaten by the poultry, which fattens them beyond oats or barley.

12. *Surinam* Harp-Fly. *Tab.* 49. Lierman *Belg.* Cicada *Surinam*. vulgaris facie. The *Dutch* call this *Lierman*, becauſe the muſick it makes is like that of a harp. It is a ſwift flyer, and difficult to be caught. It has a green body, with a long dirt proboſcis, or ſnout, which it reſts under its breaſt. This, from a ſlow hexapod, or ſix-legged grub, with the like ſnout and make of body, after it had lain twenty days dormant, hatched. Gaz. 147. 10, 11.

13. Lantern-Cricket, *Tab.* 49. Lantern-Fly, *Muſ. Regalis Societat.* Tab. 13. p. 158. *Lanternaria* major alis eleganter pictis. Gaz. 147. 12. So called from the ſhape of its head, and the light it carries in it; are about four inches long, of which the lantern is one and a half; the laſt finely marbled with fleſh-colour, green, and yellow; the wings alſo elegantly painted with much the ſame colours, and black nutmeg-veins. Theſe make a noiſe in the night, and ſhine then only: they are pretty frequent in this iſland.

14. *Sky* Lantern-Cricket. *Tab.* 49. *Lanternaria* minor alis tranſlucidis. This is leſs than the laſt, *viz.* three inches long; the wings tranſparent, and body greeniſh; the lantern finely marbled, as the other.

15. Broad-ſhouldered *Green Mantis*. Tab. 27. Mantis *Surinam*. viridis, humeris latè expanſis. Gaz. 151. 4. The body of this three inches long, and the wings, ſtretched, above four: from its head to the body it is largely extended on each ſide, with a membranaceous flap, which, with its wings, &c. are mottly green. This hatches a caterpillar-like grub, which turns into a ſtraw-like ſwadled tail-coffin, which produces a large tun-bodied, wingleſs, green inſect, which perhaps is the other ſex to that above.

16. Great *Water-Scorpion*. Tab. 56. *Scorpio* aquatica *Surinam*. maxima alata, G. 149. 10. The body three inches long, and the wings extended ſix; the under wings tranſparent; the upper, and whole body, brown. This has a large horn in his forehead, and each foot ends ſingle-tined.

17. Naked *Water-Scorpion*. Tab. 56. *Scorpio* aquat. *Surinam*. maxima impennis. This is ſomewhat leſs than the laſt, and is confined to the water, having no wings; its body ſwathed: the toes differ from the other, being (as the figure expreſſes it) forked. Both theſe live on young frogs, &c. Gaz. 150. 1.

CAP. V. Sheath-Winged Insects,

As Beetles of various Kinds.

18. SUrinam *Stag-Beetle*. Tab. 48. *Cervus volans* maximus, vaginis è fuſco & fulvo mixtus. Its horns much reſemble our Engliſh kind; but its feelers are wholly geniculated, the angles of its ſhoulders ſharp-pointed, and the whole body much larger: if rightly painted, the ſheaths are cheſnut and tawny. Gaz. 147. 13, 14, 15, 8.

19. Great *Tricolor* Surinam *Goat-Chaffer*. Tab. 28. *Capricornus* maximus è nigro, rubro flavoque eleganter pictus. G. 151. 7. This very beautiful beetle is three inches long, exquiſitely marbled with black, red and yellow; his fore-legs above ſix inches; his horns above five, elegantly knot-jointed. N. B. This, if not the ſame, is of that ſpecies, which the Muſ. Reg. Soc. Angl. hath given a figure of in Tab. 13. Pag. 163. deſcribed under the American title of *Nocconaca*.

20. Greater *Reddiſh* Surinam *Goat-Chaffer*. Tab. 24. Capricornus *Surinam*. major rufeſcens. G. 143. 17, 18, 19. Three inches long, and deeper coloured than the next.

21. Leſſer *Reddiſh* Surinam *Goat-Chaffer*. Tab. 24. Capricornus *Surinam*. minor rufeſcens. Ib. Shorter than the laſt by half an inch. Both grubs are pretty large, and whitiſh; found in rotten wood.

22. *Yellow-ſpotted* Goat-Chaffer. Tab. 24. *Capricornus* niger *Surinam*. maculis flavis. Ib. The mite-worm of this feeds on the roots of the Prickly Yellow Poppy, and grows into an orange-coloured grub, with a black head and tail. Ib. 20.

23. Great *Black* Surinam *Piper*. Tab. 48. *Curculio* Surinam. *maximus nigreſcens*. G. 147. 14, 15. I, one of the largeſt of its kind, being near three inches long, black and ſtreaked. The mites of this grow into a large whitiſh grub or coſs, which the Dutch call Palm-worm, from its feeding on that tree: theſe the natives broil and eat, eſteeming them as a very great dainty.

24. *Black* Batata *Comber*. Tab. 50. *Pectinicornis* Surinam. *ruſus, niger*. This beetle is about an inch and a half long, with horns which end toothed like a comb, as in our Engliſh chaffers, &c. Theſe produce grubs, as the next. Gaz. 147. 18, 19.

25. Large *Golden* Saw-Horn. Tab. 50. Gaz. 147. 16, 17. Serra-cornu *max*. Surinam. *viridi aureo ſplendens*. This is a very beautiful beetle, greeniſh, with a golden luſtre: it is three inches long. The horns of this tribe are finely notched on one ſide only. The grub is large, and ſomewhat hairy, and when confined will gnaw their way through baſkets, &c. Both theſe feed on the Batata root.

26. American *Cock-Roach*. Tab. 1. Kakkerlaca *Belg.* Blatta *Surinam*. vulgatiſſima & exitialis. Gaz. 142. 1. 1. 1. Are greedy devourers of all ſweet things; much delighted with the fruit of the Pine-Apple: very pernicious in houſes, eating cloaths, &c. Theſe much reſemble, in make and miſchief, thoſe on ſhipboard, &c. much reſemble, in make and miſchief, thoſe on ſhipboard

27. Black *Lady-Cow* with a red Back. Tab. 2 Scarabæus *Surinam*.

Surinam. niger, dorſo rubro. Gaz. 140. 18. 0. A very ſmall black beetle with a red back; frequently found amongſt Cochineel; ſaid to deſtroy that inſect: it hatches a little red worm, which clothes itſelf with a very thin ſilk-bag.

CAP. VI.

Insects, whoſe Wings are Part Sheathed, with Membranaceous Tips, as Bugs.

28. GReat *Cannacore* Bug. Tab. 41. Cimex *major puniceus* Surinam. *ex aureo eleganter ſtriatus.* G. 146. 25, 26. 22, 23, 24. A very elegant inſect: ſo is its caterpillar, viz. yellow and green ſtudded with red hairy heads; the body ſquare; the feet and belly covered with a clear thin ſkin, ſo that it ſlides like a ſnail. This turned into a yellowiſh ſilk-bag July 22. and hatched Auguſt 23.

29. *Surinam* Capricorn-Bug. Tab. 21. Cimex *Surinam.* maculis rubicundis. G. 150. 7, 8. The cadus, or worm, of this is green, with a yellowiſh head, and neſtles in a *phryganium*, or ſtraw coffin: June 10. it hatched into a brown bug, marked with red and white ſpots in the midſt of each upper wing; its horns knot-jointed, like a goat-chaffer.

30. *Surinam* Tine-Claw. Tab. 21. Muſca *Surinam.* pulchrè variegata, pedibus chelofis. G. 150. 9. A pretty odd-ſhaped fly; its two hinder feet not unlike crabs claws; the upper pair very ſlender and forked, by which it hangs to ſtalks, &c. the horns long-jointed and ſlender. This produces a tufted, ſhort-haired, dark caterpillar, ſpeckled with red and white, which changed into a ſilk-bag the 4th of June, and hatched the 14th.

CAP. VII. Spiders.

31. GReat *Namdu*, or *Hairy Spider.* Tab. 18. *Araneus* max. hirſutus *Americ.* G. 142. 21. The body three inches long, and very hairy, as are its legs, which are rateably thicker than long: each toe is ſaffron-tipt, and ends in one claw: it has eight eyes, which are plainly diſcernable; its ſilk-bag very large. Theſe frequent the Guava trees, and prey on the Ants which come in their way, and like them change their ſkin: when theſe are ſcarce, they prey on ſmall birds, as Colobritgens, or Humming-birds, which they kill by ſucking out their blood and moiſture.

32. Buff Prickle-haired *Surinam* Spider. Tab. 18. *Araneus* fulvus *Surinam.* pedibus aculeatis. G. 142. 22. Larger than the biggeſt Engliſh; buff colour, with eight eyes, and hairy prickled legs: it ſpins a circular web, like ours, and carries its ſilk egg-bag under its belly.

33. Silver-backed *Surinam* Spider. Tab. 18. Araneus *Surinam.* pedibus piloſis, dorſo argenteo. G. 142. Painted with a ſilver back, and white body; hairy legs: his web like the laſt.

34. Fire-Flies. I took ſeveral in July. I take them to be a Glow-Worm Volant; their luſtre is placed as in a Glow-Worm. Kill the fly (as I have done) and you find the *ſcintilla* a ſmall jelly-like ſubſtance, which, ſeparated into atoms, gives ſtill, in the dark, a luſtre proportionable to the magnitude of each atom.

I ſaw *Butterflies Eggs* that were teſtaceous, and near as big as a Wren's, moſt ſumptuouſly ſtudded with gold and ſilver. At Rhode Iſland the mowers find them in the graſs: they hatch in the windows, and are a ſport for children.

M. *Du Verney*'s * Discourse on the Generation of Snails and Worms,

In the Royal Academy of Sciences, in Nov. 1708.

From the *Mercure Galant.*

THE variety of this diſcourſe could not but pleaſe, ſince it throws the greateſt artiſts into an agreeable ſurpriſe, as he explains what relates to the two ordinary kinds of Snails, and what has relation to Snails and Worms. Even thoſe, to whom theſe matters are leſs familiar, will find their imaginations paſs from object to object, all very engaging, by the ſingularity and novelty of the fact; for this ſubject, though already handled, is quite new in him, on account of the exactneſs of his obſervations, very different from thoſe. Indeed, the ſtructure and the uſe of theſe parts, ordained for the production of theſe animals, including ſomething very ſurpriſing in Phyſicks and Mechanicks, he begins with ſhewing that theſe reptiles are hermaphrodites, and have each the parts of both ſexes.

Beſides theſe parts, they have each a ſort of ſhaft, which incloſes a ſting ſhaped like the end of a lance, with four wings: this they dart mutually one againſt another: its uſe cannot be certainly determined; but one may ſuppoſe, that pricking thing is to give notice, that that which approaches them is in the neceſſary diſpoſition of the ſpecies. We ſhall only ſay, that by the obſervation he has made, he has come to a nice determination of thoſe parts that are proper to the male, and to the female: from which he draws ſeveral conſequences favourable to the opinion of the moderns; as, for inſtance, that the eggs of the female are not immediately fecundated at the ovarium and the tube, becauſe in Snails of both kinds the fecundation is not made by means of blood and ſpirits. He talks alſo, on this occaſion, of Earth-worms, which are not only hermaphrodites, but are doubly ſo, inſomuch that each of theſe inſects is twice male and twice female.

He obſerves alſo, that the Grey Garden-Snail, thoſe of the Vine, the Dew-Snail, and Earth-Worm, join differently for the production of their ſpecies; that they almoſt always chuſe the night for their junction, which differs as to its duration: that of the Grey Garden-Snail laſts at leaſt ten hours; whereas Vine-Snails and Dew-Snails are joined but a very little while, in compariſon of the others.

The ſpawn of the Snail is animated before it enters into the uterus; and the animalcula ſhut themſelves up in an egg, which grows in proportion as they advance in the channel which compoſes that part. Theſe animals lay their eggs by the place where they were fecundated, which is at the right ſide of the neck: they generally lay threeſcore, and threeſcore and ten eggs, by an amazing artifice.

When the Snail is ready to lay, it withdraws into ſome freſh and moiſt place, and there opens the earth with its ſnout, in the ſame manner as hogs; ſo that the hole is no larger than is neceſſary for it to put in its head and neck: and when this hole is a little deep, it makes uſe of its ſlimy ſubſtance to throw out the earth. This hole reſembles an oven; the ſides of which are hard, either through the animal's preſſing the earth with its head, or its ſcattering a ſlime which binds the parts of it together.

It is in this hole that it diſpoſes of its eggs, by ſtretching out its head and neck: they are often found placed one upon another in the form of a loaf, and ſtuck together with a ſort of glue: then it cloſes up the mouth of the hole with earth, which it diſlutes with the ſlimy froth that comes from it; and this it does ſo artfully, that it is very hard to find them.

* *Meſſrs. Homberg and Perpart aſſert, that Ground-Worms are hermaphrodites, or of both ſexes, capable of being father and mother, viz. to perform the operation of both ſexes at once, in pairs or units; and that all Snails, Land and Water, are hermaphrodites.*

Petiver's Memoirs for the Curious, July and Dec. 1708. pag. 197. and 373.

Ray's Method of English Plants Illuſtrated,

In a Letter to Mr. S. D.

SIR,

YOur command is a ſufficient apology for any thing in my power to attempt. I am convinced the taſk will be acceptable to all who have the leaſt inclination to know Engliſh Plants; a ſcience abſolutely neceſſary towards the accompliſhing Phyſicians, Apothecaries, Surgeons, Chemiſts, &c.

SECT. I. Blink Flowers.

Mr. Ray names this tribe, *Herbæ flore imperfecto, ſeu ſtamineo,* (i. e.) ſuch herbs as have imperfect or ſtamineous, huſky, thready, or blinking flowers. Hiſt. Plantar. 154. Synopſ. 28. edit. 2. p. 52. Method. 65. auct. 17. Dale 130. Supplement. 59. Elemens de Botanique 402. Inſtitut. Rei Herbariæ 501.

As the green leaf of any plant in Latin is called *Folium*, and in Greek *Phyllon*; ſo the coloured leaf of the flower is by the laſt named *Petalon*; therefore Mr. Ray, and our modern botaniſts, have for the generality diſtinguiſhed moſt plants by the number of their petals, or flower-leaves, viz. *Plantæ*, flore *monopetalo, dipetalo, tripetalo, tetrapetalo, pentapetalo, hexapetalo, polypetalous,* (i. e.) Plants having one, two, three, four, five, ſix, or more leaves in each flower.

But this tribe for the generality has none, and may therefore not improperly be termed *Herbæ flore apetalo*, having, inſtead of flower-leaves, only a foliaceous *calyx* filled with *ſtamina*, or rather (which are more obvious) *apices*, whoſe prolifick *farina*, falling into the matrix of the ſtyle, or *piſtillum*, makes it fertile. This often happens here in different plants; and then they are diſtinguiſhed as Male and Female, viz. in Hops, Hemp, and Mercuries. Antient writers called the ſeed-bearing the Male plant, becauſe they generally grew teſticulated; and the barren, the Female; which Gerrard juſtly cenſures in his chapter of Hemp, p. 572. where he ſays the Female Hemp being barren, and without ſeed, was contrary to the nature of that ſex.

Others there are, Androgenous or Hermaphroditical, viz. in different parts of the ſame plant; as in Nettles, Spurges, Docks, Sorrel, &c. This I have often obſerved in Juliferous trees, whoſe catkins and flowers are very diſtinct and ſeparate.

Buck-Wheat, Arſmart, Biſtort, Burnet, Plantane, Knawell, and Knot-Graſs, ſeem to have coloured *calyces*, if not flowers.

The following ſcarce obvious, viz. Pond-Weed, Orrach, Blites, Beats, Pellitory, Ladies-Mantle, Golden Saxifrage, Glaſs-Wort, Rupture-Wort, &c.

SECT. II. Lactu-Kins, *from* Lactucæ, *Lettices.* Ray II. Pl. 217. Method. 70. auct. 29. Synopſ. 41. ed. 2. p. 69. Dale 151. Suppl. 52. El. Bot. 372. Inſt. R. H. 467. Hiſt. Oxon. ſect. 7. p. 56.

Theſe plants are for the moſt part like Lettices, viz. milky, with a double flat yellow flower, and downy ſeed. Ray ſtiles this tribe, *Herbæ flore compoſito, Natura pleno lactiſcentes, ſeu Planipetalæ lactiſcentes*; and Tournefort, *Herbæ flore ſemifloſculoſo, pappis inſtructo.* Of this claſs we find not many different families, though ſome of them pretty numerous, particularly the Hawk-Weeds: the reſt are Hares-Lettices or Sow-Thiſtles, Golden Lung-Wort, Dandelion, Mouſe-Ear, and Goats-Beard: to theſe are added Succory and Nipple-Wort, which two laſt have ſolid ſeed; the reſt downy, as is frequently to be ſeen in the heads of Dandelion, by many called Piſſabeds,

Piſſabeds, and ſome Go to bed at Noon, becauſe it then ſhuts up its flower, and turns to a downy head of fluſy ſeed, which are carried about with the wind.

SECT. III. Discoid Flowers. Ray H. Pl. 259. Method. 74. auct. 32. Synopſ. 47. ed. 2. p. 78. Dale 158. Suppl. 65. El. Bot. 383. Inſt. R. H. 481. H. Ox. ſ. 7. p. 85.

Theſe Mr. Ray calls *Herbæ flore diſcoide, ſeu pappoſo*, and divides them into,

1. *Flore radiato*, Radiated Diſcoids, viz. Colts-Foot, Golden Rod, and Rag-Wort.

2. *Flore nudo*, Naked Diſcoids, as Butterbur, Groundſell, Plowman's Spikenard, *Eupatorium* or Dutch Agrimony, Cats-Foot, and Cud-Weed.

The naked diſcoids are rimmed with ſmall pentapetalous flowers (as are the radiated) in the middle; and it is theſe only that produce the downy ſeed.

SECT. IV. Corymbiferous and Knob Flowers. Ray H. Pl. 333. Method. 77. auct. 35. Synopſ. 56. ed. 2. p. 90. Dale 172. Suppl. 78. El. Bot. 392. I. R. H. 490. H. Ox. 14.

Theſe tribes differ little from the laſt, but in having ſolid ſeed. Theſe Ray alſo, in his Correct Method, divides into Radiated and otherwiſe. Amongſt the firſt are Carline, Corn Marygold, Ox-Eye, Sneeze-Wort, Yarrow, Fetherfew, Great and Small Daiſy, Chamomile, May-Weed.

2. Naked Corymbs are Tanſey, Sea Cud-Weed, Wormwood, Southernwood, Mug-Wort, and *Cannabina*, or Hemp Agrimony.

3. Knob Flowers. Theſe he calls *Herbæ Corymbiferis affines*, being ſuch plants as come next of kin to the laſt. Here are ranked Scabious; *Dipſacus*, Fullers Thiſtle, or Teaſel; and Eryngo, or Sea-Holly: to theſe I think *Bardana*, or Burdock, may not improperly be added.

SECT. V. Capitated Plants. Ray H. Pl. 298. Method. 80. auct. 40. Synopſ. 52. ed. 2. p. 85. Dale 166. Suppl. 71. El. Bot. 349. I. R. H. 440. H. Ox. ſ. 7. p. 130.

Theſe, out of a ſcaly head, bear a double flower, compoſed of jagged pipy *petala*, yielding a downy ſeed like the ſecond and third tribes. Ray terms theſe *Herbæ flore ex ſoſculis fiſtuloſis in longas plerumque laciniis diviſis*, ſive *Capitata*; and Mr. Tournefort, *Herba flore ſoſculoſo*.

Under this head come the numerous and various ſorts of Thiſtles, and *Jaceæ*, or Knap-Weed, Blue-Bottles, Baſtard Saffron, or *Carthamus*, and Saw-Wort.

The milky quality, and flat yellow flowers of the Lactu-Kins, chiefly diſtinguiſh them from this tribe, which are for the moſt part purple, and always pipy.

SECT. VI. Umbels. Ray H. Pl. 406. Method. 86. auct. 47. Synopſ. 101. ed. 2. p. 63. Dale 192. Suppl. 93. El. Bot. 253. I. R. H. 304. H. Ox. ſ. 9. p. 266.

Mr. Ray calls theſe *Plantæ Umbelliferæ*; and Mr. Tournefort, *Herbæ flore polypetalo, roſacco umbellato*.

The character of an Umbelliferous Plant, is to bear its flowers and ſeeds in form of an inverted umbrella, being ſomewhat hollow. The flowers are generally compoſed of five petals, ſucceeded by a double ſeed, commonly furrowed, which eaſily ſplits in two when ripe.

This being a numerous family, we will thus tribe them.

1. Such as have flat, round-winged ſeed, are the Garden, Wild, and Cow Parſnep; *Peucedanum*, or Hogs-Fennel; and *Tordylium*.

2. Long-ſeeded, viz. *Pecten Veneris*, or Shepherds-Needle, Cow-Weed, Wild Chervil, and *Meum*, or Spignel.

3. Short ſeeds are Water Angelica and Gout-Weed; *Hippoſelinum*, or Alexanders.

4. Bulb Umbels. *Bulbocaſtanum*, or Pig-Nuts; Water Drop-Worts.

5. Small-furrowed ſeed. *Amomum*; *Selinum*, or Hone-Wort; *Sium*, or Water-Parſneps; Burnet and Meadow Saxifrage; Carraways; Scotch and Rock Parſley; Smallage; Water and Common Hemlocks; *Crithmum*, or Sampire, and Fennel.

6. Hoary-ſeeds. Garden and Wild Carrots; Mountain and Bur Parſley, or *Caucalis*; *Crithmum Spinoſum*, or Prickly Sampire.

7. Miſcellany or Tag-Umbels are Coriander, *Perfoliata* or Thorough-Wax, Hares-Ear and Sanicle.

SECT. VII. Starfoils. *Herbæ Stellatæ* Ray H. Pl. 477. Method. 92. auct. 54. Synopſ. 73. ed. 2. p. 116. Dale 216. Suppl. 105. El. Bot. 92. Inſt. R. H. 113. H. Ox. ſ. 9. p. 326.

The leaves of this tribe are diſpoſed ſtar-wiſe, at certain diſtances round the ſtalk: their flowers are divided into four leaves, each generally producing two ſeed teſticulated, or joined together. There are not many of this elegant family: the chief are Clivers, Madder, Croſs-Wort, Woodroof, Ladies Bedſtraw, and Squinancy-Wort.

We have as yet obſerved but fifteen of this claſs in England.

SECT. VIII. Clypeans. *Herbæ Aſperifoliæ* Ray H. Pl. 487. Meth. 94. auct. 56. Syn. 72. ed. 2. p. 118. Dale 220. Suppl. 108. El. Bot. 109. I. R. H. 133. H. Ox. ſ. 11. p. 436.

Named *Clypeans* from the diſpoſition of their ſeed, four ſtanding together, with a pointel in the middle, reſembling a *(clypeum)* ſhield, or buckler: their flowers are whole at bottom, but at top pentapetalous, (i. e.) more or leſs divided into five leaves or jags: the leaves are generally rough, (whence Mr. Ray's denomination) and hold no order along their ſtalk. Of this tribe alſo we have not ſeen above fifteen or ſixteen in all Britain: the moſt noted are Hounds-Tongue, Wild and Vipers Bugloſs, Grommel, Cummin, and *Myoſotis*, or Scorpion-Graſs: the more rare are the Wall, the Sea, and ſmall Wild Bugloſs, or German Mad-Wort, with the *Pulmonaria maculoſa*, or Bugloſs Cowſlip.

SECT. IX. Whirl-Plants. *Herbæ Verticillatæ* Ray H. Pl. 508. Meth. 96. auct. 58. Syn. 122. ed. 2. p. 77. Dale 226. Suppl. 112. El. Bot. 146. I. R. H. 177. H. Ox. ſ. 11. 352.

Theſe are termed Verticillated Plants, becauſe their flowers are ſet in Whirls, either in a ſpike, or at certain joints or diſtances round the ſtalk.

The flowers of this tribe are monopetalous, but divided into five unequal ſections, which for the moſt part are either labiated, (i. e. full or blubber lipped) or galeated (hooded). The *perianthium, calyx*, or huſk, of each flower, is regularly quinquefid (or with five equal ſections) which ſerves for its ſeed-veſſel, yet always keeps open: in the bottom of each are contained four ſeeds, which, in all I have yet obſerved, lie level (flat) one with the other.

This is a very numerous tribe; and moſt of them are plants endued with volatile and ſulphureous particles, and conſequently of very powerful force and virtue: their ſmell generally between carminative and aromatick, and commonly perceived only in the leaves, flowers and huſks, but moſt particularly in the laſt, as I have very often nicely obſerved, and believe this hitherto-neglected part to be moſt prevalent, becauſe I generally find it to be ſomewhat, more or leſs, unctuous and clammy, and therefore more capable of yielding a rich ſulphureous oil than the other parts, even the flower, which, though it has got hitherto the greater eſteem amongſt the inconſiderate, yet only deduces its faint ſmell from the more powerful one of the *calyx*, or huſk.

For example, if you nicely examine the *calyces*, huſks, or flower cups, of the *Horminum* or Clary, you will find them ſtrongly endowed with a ſort of clamminеſs, which is no leſs than its rich ſulphur or eſſential oil, and no where elſe to be found ſo ſtrongly impregnated as in this part; the truth of which you may alſo very apparently find, if you pleaſe to make a diſtillation of the flowers and huſks apart.

The moſt noted of this celebrated family, that grow wild with us, are the ſeveral ſorts of Mint and Thyme, Penny-Royal; Black, White, and Water Horehound; *Origanum*, Wild Clary, Nepp, Betony, Self-heal, Baſil, Archangel or Dead Nettle, Ground Ivy, Calamint, Ground Pine, Bugle, Woodſage, *Scordium* or Water-Germander, and *Cardiaca* or Mother-Wort.

N. B. The roots of none of this *genus* have any fame in phyſick, or are endowed with that forcible ſmell which is to be found in the parts above ground.

SECT. X. Herb-Berries. *Herbæ Bacciferæ* Ray H. Pl. 652. Synopſ. 94. ed. 2. p. 145. Meth. 106. auct. 73. Dale 262. Suppl. 137. El. Bot. 67. I. R. H. 76. H. Ox. ſ. 13. p. 519.

By theſe our author means ſuch herbs, whoſe fruit when ripe have a moiſt pulp, covered with a thin ſkin.

Such are the White and Black Bryony, Herb Chriſtopher, Butchers-Broom, Solomon's Seal, Lilly of the Valley, Herb Paris, Bitter-Sweet, Common and Deadly Nightſhade, Aſparagus, Moſs-Berries, and Moſcatel: to theſe may be added the Ralberry, Brambles, Cloud-Berries, and Dwarf Honey-Suckle, or rather Suckle-Berry.

SECT. XI. Bur-Heads. *Herbæ ſem. nudo polyſperma* Ray H. Pl. 578. Syn. 85. ed. 2. p. 134. Meth. 85. auct. 67. Dale 247. Syn. 129. El. Bot. 238. I. R. H. 275. H. Ox. ſ. 4. p. 433.

This ſection is part of Tournefort's *Herbæ flore Roſacco*.

Ray, in his Improved Method of Plants, divides this tribe under the following heads, viz.

1. Burheads with Tripetaleus or Three-leaved Flowers, viz. Water-Plantane and Arrow-Head.

2. Tetrapetalous Burhead, or Tormentil, which differs from the Cinquefoils only in having one petal leſs.

3. Cinquepetals, as Crow-Feet fifteen ſorts, ſix Avens, three Strawberries, nine Cinquefoils, and Meadow-Sweet.

4. Polypetals, or Many-leaved, as Pile-Wort, *Flos Adonis* or Pheaſants Eye; and *Filipendula* or Drop-Wort.

5. Naked-flowered Burheads, according to Mr. Ray, are the Wood Anemone, Paſque Flower, and Travellers Joy.

SECT. XII. Star-Heads. *Herbæ Multiſiliquæ, ſeu Corniculatæ*, Ray H. Pl. 686. Syn. 98. ed. 2. p. 151. Meth. 92. auct 76. Dale 273. Suppl. 144. H. Ox. ſ. 12. p. 453. El. Bot. 229. I. R. H. 262.

This claſs has ſo great an affinity with the laſt, that indeed they ought ſcarce to be parted. The heads of theſe are not ſo cluſtered, but approaching more pod-like, and generally ſtellated.

Of this family are the Common and ſeveral other Houſeleeks, Orpine, Roſe-Wort, Navel-Wort, Black Hellebore or Bear-Foot, Marſh Marygold, *Ranunculus Globoſus* or Globe Flower, Star-Plantane, and *Juncus Floridus* or Water Gladiole.

SECT.

SECT. XIII. QUATER-PETALS. *Herbæ Tetrapetalæ* Ray Hift. 848. Syn. 119. ed. 2. p. 177. Meth. 119. auct. 94. Dale 305. Suppl. 160. *Herbæ flore Cruciformi* El. Bot. 178. H. Ox. f. 3. p. 295. I. R. H. 210.

Theſe are eaſily diſtinguiſhed from others, in having only four leaves in each flower.

Of this tribe are the Wall and Sea Stock-Gillyflower; Whitlow Graſs; *Alliaria*, Jack by the Hedge, or Sauce alone; Sea Cole-Worts; Penny, Rock, Swine, and Wild Creſſes; divers Cuckow Flowers, or Lady-Smocks; *Lepidium*, Dittander, or Pepper-Wort; Common, Tower, Mithridate, Treacle, White and Wild Muſtards; *Myagrum*, or Gold of Pleaſure; Garden, Horſe, and Water Radiſh; Baſe, Creſs, Scrambling, Sea, Water, and Wild Rockets; Scurvy-Graſs; Shepherds-Purſe; *Sophia Chyrurgorum*, or Flix-Weed, and Woad.

N. B. There are of theſe about ſixty Engliſh ſorts, and near fifty of them have a biting muſtard-like taſte.

To theſe Mr. Ray ſubjoins the ſeveral ſorts of *Veronica*, or Speedwell, as Paul's Betony, Hen-Bit, and other Falſe Chick-Weeds, with three ſorts of Brook-Lime; alſo the Baſtard, Corn, Sea-horned, and Wild Poppy; Celandine, and divers kinds of *Lyſimachia*, as the Roſebay and Codded Willow-Herb, or Looſe-ſtrife.

Of theſe laſt, or *Anomalæ*, are near thirty ſorts found wild in England.

SECT. XIV. CINQUE-PETALS. *Herbæ Pentapetalæ vaſculiferæ* Ray Hiſt. Syn. 138. ed. 2. p. 198. Meth. 139. auct. 109. Dale 329. Sup. 200. El. Bot. 200. I. R. H. 234. H. Ox. ſ. 5. p. 45.

This *genus* treats of ſuch plants whoſe flowers are divided into Five Leaves, and are ſucceeded by a huſk, capſule, or dry ſeed-veſſel, like the Dragon-Snouts; but differ from them in the ſhape of the flower, theſe being more or leſs divided into five equal angles or ſections.

The angular, or leſs-divided, are the *Convolvuli*, or Bind-Weeds; Gentian, or Fel-Wort; *Campanula*, or Bell-Flowers, and Hen-Bane.

The others are very numerous, and may be divided between ſuch whoſe leaves grow oppoſite, (as Pinks; *Lychnis*, or Campions; Dwarf Ciſtus, St. John's Wort, St. Peter's Wort, and Tutſan, Pimpernel, Centaury, Yellow Looſe-Strife, various ſorts of Stitch-Wort and Chick-Weed) and

Such whoſe leaves grow alternately, or in no ſet order; as ſeveral bicapſular Sedums, Sengreens, and Pride-Flowers; alſo Buck-Beans, Cowſlips, Flax, Money-Wort, Mullein, Sun-Dew, Wood-Sorrel, &c. To theſe may be added the Cranes-Bills; Common, Marſh, and Vervain Mallow; Rampions and Throat-Wort.

SECT. XV. SIX-PETALS. *Plantæ Hexapetalæ.*

Dr. Moriſon, in his Hiſt. Plantar. Oxonienſis, ſect. 4. p. 229. calls theſe *Hexapetalæ tricapſulares*; Mr. Ray, *Herbæ radice Bulboſa*, Hiſt. Pl. p. 1164. Method. 151. auct. 114. Synopſ. 163. ed. 2. p. 228. Dale 352. Suppl. 220.; and Dr. Tournefort, *Herbæ flore Liliaceo*, Inſtitut. Rei Herbariæ, claſ. 9. p. 343. El. Bot. 285.

The roots of theſe are generally coated like Onions, or ſcaly as Lillies; and for the moſt part have graſs, flag, or ruſh-like leaves, with ſix regular petals in a triangular huſk or ſeed-veſſel, as Onions, Garlick, Ramſons, Daffodils, *Ornithogali* or Bethlem Stars, *Hyacinthi* or Hare-Bells, True and Meadow Saffron, &c. Of theſe in England we have not as yet found a ſcore.

SECT. XVI. BULB-KINS. *Herbæ Bulboſæ aſſines* Ray H. Pl. 1179. Meth. 156. auct. 121. Syn. 168. ed. 2. p. 233. Dale 358. Sup. 230. *Plantæ multicapſulares polyſpermæ* H. Ox. ſ. 12. p. 486. *Herbæ flore polypetalo anomalo* Inſt. R. Herb. claſ. 11. p. 419. El. Bot. 332.

Mr. Ray having placed theſe next to the laſt, from ſome affinity they have to them, we have therefore given them the name of Bulb-Kins; and, though ſome of them have ſtringy roots, yet many others have them knobbed, large, and fleſhy. What chiefly diſtinguiſhes them above ground is their diſform flowers, in oppoſition to the laſt: amongſt theſe are a great variety of Iris or Flower-de-Luces, Orchiſes, and others a-kin to them, amounting to ſomewhat more than forty Engliſh ſpecies.

SECT. XVII. DRAGON-SNOUTS. *Naſtiferæ* Ray Hiſt. Pl. 752. Meth. 117. auct. 89. Syn. 104. ed. 2. p. 159. Dale 287. Sup. 156. I. R. H. cl. 3. p. 158. and cl. 11. 418. El. Bot. 130, 332.

Theſe having, like the laſt, an irregular or diſform flower, and many of them either ſnouted, hooded or heeled, with undeterminate ſeed, incloſed in one or more receptacles, contrary in both reſpects to the Whirl-Plants, Sect. IX. for theſe reaſons, and from the generality of the ſhape of their flowers, I have denominated them as above, and diſjoined them from Mr. Ray's *Herbæ fructu ſicco ſingulari, flore monopetalo uniformi*, Hiſt. Plant. 710. Meth. 114. auct. 84. Synopſ. 101. ed. 2. p. 155. becauſe theſe flowers are diſform; and from the Bulb-Kins, they having a different face.

Amongſt our Engliſh Dragon-Snouts, we reckon the Toad-Flax, Ivy-leaf, and Snap-Dragons; Fig-Wort, Fox-Glove, Butter-Wort; *Pedicularis*, Rattle, Cockscomb, or Louſe-Wort; Eye-Bright and Cow-Wheat; *Balſamina Lutea*, Quick-in-Hand; Hooded Milfoil, and Violets. To theſe ſome add *Arum*, or Wake-Robin; *Roſula*, Baſe Rocket; *Luteola*, Wild Woad; *Seſamoides*, or Spaniſh Catch-Fly; Fumitory and Columbines.

SECT. XVIII. PEA-BLOOMS. *Piſſifloræ. Herbæ flore Papilionaceo, ſeu Leguminoſæ*, Ray H. Pl. 883. Syn. 127. ed. 2. p. 186. Meth. 129. auct. 101. Dale 315. Tourn. El. Bot. 307. Inſt. R. Herb. cl. 4. 388. Hiſt. Ox. ſect. 2. p. 45.

Valerius Cordus, that early and accurate botaniſt, who died 1544. was the firſt I have hitherto read of, that called theſe flowers *Papilionacei forma*, becauſe they reſemble ſome Butterflies when they ſit with their wings expanded; which Mr. Ray and others have ſince followed.

This tribe conſiſts of ſuch herbs as are Scandent, or otherwiſe.

The Scandent, or Tendril-twining, are Common and Everlaſting Peaſe; Chichlings; *Aphaca*, or Yellow Vetchling; Tares, Vetches, and Lentils.

Thoſe that climb not, are the Garden and Horſe Beans; Common and Wild Liquorice; Engliſh Orob; Wild Peaſe; Crimſon Graſs-Vetch; Kidney, Horſe-Shoe, and Medick Vetch, or Saint-Foin, and Birds-Foot.

The Trifoliate are near twenty ſorts of Clover-Graſs, beſides *Anonis*, Reſt-Harrow, or Cammoch; Medicks and Codded Trefoils. Of theſe Pea-Blooms we have in England about ſixty kinds.

SECT. XIX. CORN and GRASS. *Cerealia. Herbæ Graminifoliæ flore imperfecto, ſeu Culmiferæ*, Ray H. Pl. 1235. Syn. 177. ed. 2. p. 244. Meth. 147. auct. 167. Dale 376. Suppl. 247. *Herbæ flore apetalo, quæ Cereales appellantur, earumque affinibus*, Inſt. R. H. 512. cl. 15. El. Bot. 413. *Plantæ Culmiferæ, ſeu Calamiferæ*, H. Ox. ſect. 8. p. 172.

Mr. Ray, in his Improved Method of Plants, has added a particular one of Graſſes, Ruſhes, and Cyperoids, which, being one of the beſt extant, we ſhall chiefly follow.

Corns and Graſſes he divides under two general heads, viz. either Spiked or Paniculated.

The Firſt are Wheat, Barley, Rye, and their Graſſes; Darnel, Pannick, Fox and Cats-Tail, with others near of kind. To theſe are added the Ramoſe-ſpiked, as Cocks-Feet, &c.

The Paniculated are Oats and their Graſſes, Reeds, Millets, Cow-Quakes, and ſeveral Meadow-Graſſes, that are beſt diſtinguiſhed by their particular deſcriptions and figures; of which, if a certain reverend and learned perſon, very nice and curious in the knowledge and critical diſtinction of our own native plants, eſpecially in theſe and others of the leſs-known tribes, would be pleaſed to publiſh the obſervations he has made, he would highly oblige all lovers of plants, and particularly our Engliſh botaniſts.

This Section conſiſts of above an hundred ſeveral Corns and Graſſes already diſcovered within this iſland of Great-Britain; and doubtleſs ſeveral ſtill lie hid.

SECT. XX. RUSHY PLANTS. *Junceæ Plantæ. Herbæ Graminifoliæ, non Culmiferæ, flore imperfecto*, Ray H. Pl. 1291. Syn. 194. ed. 2. p. 263. Meth. 150. auct. 183. Dale 371. Suppl. 243. I. R. H. 527. cl. 15. El. Bot. 419. H. Ox. ſ. 8. cl. 20. p. 223.

Under this Section are not only ranked the Round-ſtalked Ruſhes and their Graſſes, which bear ſeed in ſmall three-cornered or round capſules; but alſo the Cyperus's and Cyperoids, which generally bring forth their ſeed in ſcaly or cone-like heads and panicles. Both theſe have three-ſquare ſtalks: the Cyperoids have generally a catkin, or farinaceous *juli*, at the top of each plant.

Of theſe two plants and the ruſhes there are near an hundred ſeveral varieties in England, excluding the Bur-Reed, Cats-Tail, and *Calamus*, or Sweet-Flag, which by moſt botaniſts are here placed.

SECT. XXI. MISCELLANY PLANTS. *Herbæ Anomalæ & incertæ ſedis* Ray H. Pl. 1319. Syn. 207. ed. 2. p. 278. Meth. 159. auct. 128. Dale 385. Suppl. 256.

This Section we throw in as a claſs of irregular or out-of-courſe plants, not eaſily reducible to the foregoing tribes: thoſe Mr. Ray takes notice of are the Water Lilly, White Rot, Water Aloes, Water Star-Wort, Water Gladiole, and Codded Water-Graſs, Pepper-Graſs, Mouſe-Tail, Milk-Wort, Dodder, &c. and, though ſome of theſe, with others not mentioned, might perhaps find places above, nevertheleſs ſuch as you cannot readily reduce, we think, may not amiſs be placed here, until a more fit claſs be found for them.

What remains, Sir, of herbs, are the Submarines, Muſhrooms, Moſſes, &c. They being very nice tribes, and daily improveable, I ſhall not here trouble you with them, in hopes they may ſee the light from an abler hand.

Mr. *Ray*'s Method of TREES and SHRUBS.

THE firſt claſs this learned author ſtiles *Arbores Flore à Fructu ſejuncto*, (i. e.) Trees whoſe Flowers and Fruit are ſeparate; which I believe, upon ſtrict examination, may require another epithet, eſpecially many of them; as, for example, the Filbert and Hazle-Nut, the firſt of which, as I have often obſerved, come from a ſmall ſtamineous ſcarlet flower, as you may perceive in the ſpring before the leaves ſhoot out: theſe have not been taken notice of till of late years; for which reaſon they then preſumed the *juli*, or catkins, which appear long before them, were the flowers;

flowers; and the fruit not coming in their places, might give the occaſion of ſtiling this tribe as above.

I take theſe Juliferous trees to be for the moſt part hermaphroditical, (as ſome of the Herbs in Sect. I. pag. 160.) i. e. male and female within themſelves; and that theſe catkins contain the fecundating ſubſtance in a very fine powder, which, when full ripe, you may obſerve by ſhaking to let fall, in a great quantity, a very fine duſt or powder: theſe innumerable atoms, the all-wiſe Creator and Diſpoſer of Nature, (who made nothing in vain) hath ſtupendouſly contrived in ſo great a quantity, that ſome of them might fall into theſe ſtamineous flowers, their proper matrix, the wind fruitleſsly diſperſing the reſt, ſo that perhaps not above one in ten thouſand may chance to fall in its proper place.

His ſecond claſs of this kind are the Coniferous, as the Fir, Pine, Alder, and Birch.

The third are Bacciferous, as Juniper and Yew.

The fourth Laniferous, or Downy, as Poplars and Willows.

The fifth are Foliaceous, or Leafy Seed-Veſſels, as the Horn-Beam; to which may be added the Aſh, Elms, and Maple or Sycamore.

His next general diviſion of trees are ſuch whoſe Fruit come in the ſame place with the Flower: theſe are ſubdivided into Coronated and Umbilicated, (i. e.) ſuch, the remains of whoſe flower is ſeen either at the crown or ſtalk of the fruit.

The firſt, viz. the Coronated, he begins with the larger fruit, and deſcends to the leſſer; as from the Crab, Wild Pears, Serviſe or Medlars, Roſe, &c. to the Currants, Whortles or Bill-Berries, Wood-Bind, and Ivy.

The ſame method he takes with the Umbilicated Fruit, amongſt which he ranks the Sloes, Bullies, Cherries, Barberries, or Pepperidges, Alder, Holly, &c. To theſe are added ſuch as have a dry fruit, as the Bladder-Nut, Box, Lime-Tree, Gale; and to theſe Mr. Ray ſubjoins the Heaths.

He concludes with the Papilionaceous, or Pea-Bloom Shrubs, which with us are only the different ſorts of *Geniſta*, as the Broom, Dyers-Weed, Furze or Goſs, and Petty-Whin.

Thus, Sir, have I briefly run through the ſeveral tribes of Herbs and Trees; which perhaps in time may be brought into a better method. In the interim, I hope you will accept of this, and believe me to be, on all occaſions, SIR,

Your (much obliged, and) ready Friend to ſerve you,

J. P.

Some Attempts to prove, That HERBS *of the ſame Claſs, or Make, generally have the like Virtue, and Tendency to work the ſame Effects. In a Diſcourſe made to the Royal Society, by Mr.* PETIVER, *F. R. S.* No. 255. May 10, 1699.

HAving been aſked what was the beſt method to diſcover the Virtues of Plants, I have found that plants of the ſame figure or likeneſs have generally much the ſame virtues and uſe; eſpecially if we conſider, that the organs or ſtructure of all plants of the ſame family or claſs muſt have much the ſame veſſels and ductus's to conſummate that regular formation, and conſequently the juices circulated and ſtrained through them cannot be very heterogeneous; and that commonly, the ſcent and taſte having great affinity, ſo of courſe their virtue cannot be very diſſonant.

1. For inſtance, the *Herbæ Umbelliferæ*, or tribe of Umbelliferous Herbs. Theſe Mr. Ray hath accurately treated of in the 9th book of his Hiſt. of Plants, pag. 406. and his Synopſis, p. 63. and in his 2d edition, pag. 101. and Dale in his Pharmacologia, pag. 202.

It is the property of theſe herbs to have the poſition of their flower-branches proceed from one baſis or centre, which expand into an umbel, whoſe flowers conſiſt of five irregular pentapetalous leaves, from whence their ſeed are produced, which are naked or double, or by their ſplitting ſeem ſo.

This *genus* I obſerve to be generally endowed with a carminative taſte and ſmell, are powerful expellers of wind, and therefore good in all flatulent diſeaſes, and of great uſe in the colick, &c. To inſtance a few for example, as Aniſe, Caraway, Cummin, Angelica, Smallage, Parſley, Lovage, &c.

Obſerve, that the ſeed of Umbels are moſt uſed, as in all thoſe juſt mentioned; and the roots alſo of ſome are no leſs prevalent, viz. the Angelica, Fennel, Parſley and Smallage, and the leaves of the laſt.

2. Let us now look into another claſs, viz. the *Plantæ Galeatæ* and *Verticillatæ*, Raii Hiſt. Plant. lib. 11. pag. 508. Synopſ. 77. and Ed. 2. 122. The medicinal ones of this tribe are alſo treated of in Mr. Dale's Manuductio ad Materiam Medicam, pag. 230. Theſe are a family of plants which bear their flowers in rundels, or whirls, at more or leſs diſtances round the ſtalk, whoſe monopetalous flowers (if we may ſo call them, being ſuch at the bottom) are *tubulous*, contrary to the laſt, and are generally divided into five unequal ſegments, as the Umbels, but with this diſtinction, that the two greater *petala*, or flower-leaves, in this tribe are ſometimes above, and other times below; whereas the others are conſtantly the ſame, that is, always lie in the ſame place, being expanded on a flat or plain ſurface: the flowers of our Verticillated plants, from the different poſition of their *petala*, are therefore diſtinguiſhed under the *Floræ Galeatæ ſeu Labiatæ*. The *calyx*, or caſe, to the lower or tubulous part of each flower, ſerves alſo for its ſeed-veſſel, in the bottom of which are contained, in all I have yet obſerved, four ſeeds ſet cloſe together upon a plain, which Nature lets fall out when ripe, the huſk being always open, and commonly divided into five points, adequate to the ſegments of each flower.

Now, as the greateſt virtue of the Umbelliferous tribe was ſpecified to lie in the ſeed, and next to them the roots; there are few or none, as I have yet obſerved, in this *genus*, famous for any extraordinary virtues or effects in thoſe parts; but the ſovereign balm of theſe chiefly conſiſts in their leaves and huſks, rather than the flowers; which laſt, eſpecially, all authors have hitherto given the preference to; as for example, in the flowers of Roſemary, Lavender, and Sage, particularly the firſt, as the only part from which our beſt Queen of Hungary's water is extracted. I will therefore take this occaſion to give my reaſons for preferring that part which by all others has been neglected.

I would not be thought to propoſe this *hypotheſis* for cheapneſs; for, if my aſſertion holds good, as I doubt not to prove it, I fear they will quickly ſell the huſks as dear as the flowers, if they find a great vend for them.

My reaſons for giving the preference to the huſks of this tribe, before the flowers, are, Becauſe I obſerve the *calyces* are the chief, if not the only part on which I find its viſcous or ſulphureous particles to adhere. This you may very eaſily perceive, not only by its much ſtronger and penetrating ſmell, but by the clammineſs of this, far beyond the other parts; as is very apparent in the HUSKS of SAGE and CLARY; and, if with ſpirit of wine you make a diſtillation of theſe alone, you will find them much ſtronger than from a greater quantity of flowers only, which, being of finer and more volatile parts, are only capable of retaining what the vicinity of the ſtronger and thicker texture, which the *calyces* are compoſed of, can without prejudice eaſily communicate to them.

I look upon the generality of this tribe to be a degree warmer than the laſt, and their heat conſequently to approach nearer to the *aromata*, or ſpices, than the carminatives, and the effects therefore to be more peculiarly appropriated to ſuch nervous diſeaſes as are more intenſe, and the *Umbelliferæ* cannot ſo quickly reach, viz. apoplexies, epilepſies, palſies, &c. in which caſes our Lavender, Roſemary, Sage, Stœchas, and ſome others, are ſimples which all our antient phyſicians (in theſe ſtubborn diſeaſes) have very much applauded. Yet at the ſame time we muſt not forget the many celebrated effects that are owing to ſome others of this family, as Mint, Bawm, Penny-Royal, Savory, Thyme, Hyſſop, Marjoram, Baſil, *Origanum*, Dittany of Crete, *Marum* or common Maſtick-Thyme, with *Marum Syriacum*, and other, no leſs noble herbs of this family, that I have lately received from both the Indies; which I have alſo experienced in ſome caſes with very good ſucceſs.

3. We proceed next to thoſe herbs which have a tetrapetalous regular flower, (by Regular I mean ſuch as have four equal *petala* in each flower). Theſe Mr. Ray treats of in his ſixteenth Book of his Hiſtory of Plants, and in his Synopſis Stirpium Britannicarum, pag. 108. and in his 2d edition, p. 164. under the title of *Herbæ Floræ tetrapetalo uniformi*; and by Mr. Dale in his Pharmacologia, under the ſame character, pag. 292. Theſe, in relation to their ſeed-veſſels, are ſub-divided under two heads, viz. *Siliquoſæ, vel Capſulatæ*, being ſuch as have their ſeeds contained in long or ſhort receptacles, as pods or capſules.

The known herbs of this *genus*, that are moſt commonly uſed in phyſick, are, the *Sinapi*, *Raphanus*, *Eruca*, *Alliaria*, *Paronychia* or Whitlow-Graſs, *Sophia Chyrurgorum*, *Eryſimum*, *Naſturtium*, *Cochleariæ utriuſque*, with ſome others.

The moſt eſſential virtue and uſe of the herbs of this claſs, I obſerve, are more particularly in the leaves and ſeed, and next them the roots; and, if any parts are ſlighted, it is the flowers and pods.

The leaves are more particularly uſed in the Water and Garden Creſſes, Sea and Garden Scurvy-Graſs, Hedge-Muſtard, *Iberis*, or Sciatica Creſſes, *Lepidium*, *ſea Piperitis Officinarum*, Cardamine, *Burſa Paſtoris*, &c. to which may be added our Cabbage, Coleworts, Savoys, Sprouts, &c. which are of this tribe alſo; and, though they are of no great reputation in phyſick, yet for ſome ages paſt they have got no ſmall eſteem in the kitchen.

Others of this family, that are more peculiarly eminent for the virtue contained in their ſeed, are the Common Muſtard and Rape, the *Thlaſpi Dioſcoridis* or Treacle-Muſtard, the *Eruca* or Rocket, and *Sophia Chyrurgorum* or Flix-Weed. The ſeed of the laſt, I am informed by a worthy member of this ſociety, hath for ſome years been uſed, by many in the North of England, for the STONE and GRAVEL, with ſucceſs. The like hint, if I miſtake not, Sig. Paul Boccone gives us in his late Italian book, entitled *Muſeo di Fiſica*.

We come now to the Roots; two or three of which have gained no ſmall repute, as well in diet as phyſick, viz. the Radiſhes, both Garden and Spaniſh, (which is the large Black-rooted;) as alſo the Wild or Horſe Radiſh; and to theſe the Round and Long-rooted Turnep muſt be added.

Moſt of this tribe, I find, though not like the *Umbelliferæ* and *Verticillatæ*, yet exert their power in a much different manner, to wit, by a diuretick volatile ſalt, and are found moſt prevalent and effectual in chronick diſeaſes, as the ſcurvy, dropſy, gout, jaundice, and other ill habits of the body, where the blood is vitiated rather in its particles than irregular motion, carrying off its impurity by a diuretick *diſcraſis*, or diſcharge of the offending heterogeneous ſalts therein contained; and conſequently by purification, diſpoſing of it to a better or more ſane diſpoſition.

Whether theſe conjectures agree with the opinion of ſome practitioners of phyſick, I know not; but I am certain the effects of many of theſe herbs, as Water-Creſſes, Garden and Sea Scurvy-Graſs, with Muſtard-ſeed, and Garden and Horſe-Radiſh, which are all of this family, are by moſt, if not all phyſicians, as well antient as modern, allowed to be extraordinary diuretics and anti-ſcorbuticks.

Some Obſervations on WASPS, BEES, &c. *by Mr.* JOHN BANISTER, *in* Virginia, 1680. *with Remarks by Mr.* PETIVER.

1. *Veſpæ Ichneumones.* Here are divers kinds of Waſps, long and ſlender waiſted. All theſe make their neſts of dirt, and are called Dirt-Waſps: ſome make their neſts contiguous, each adjoining cavity having two or more partitions: others build in clamps, one upon another: they fix them againſt the wall or cieling of a houſe, or any where dry. There are not above two belonging to one of theſe veſparies; for when they have made one cell, and put into it ſix or eight live ſpiders, they cloſe it up, to work upon another, leaving them to brood upon their young, ſomething like that of Ariſtotle in his Hiſt. Animal. lib. 1. c. 20.

The young are cafed with a thin tranſparent horny ſkin of an amber colour: others are in a brown caſe, with a certain number of regular protuberances at one end; ſome again lie in brown, that are ſmooth; and ſome, if I miſtake not, naked.

2. We have ſeveral other coloured Waſps. Two black and white, that build their neſts on the ſmall branches of trees. Of the ſmall neſt there is a very good figure and deſcription in Piſo's Hiſt. of Braſil, lib. 5. p. 287. only as it ſeems to ſtand erect, it ſhould be pendulous: of an oval form, and the ſize of a gooſe-egg. The other is much larger, and more round: the waſps alſo are ſomewhat larger. One I found, in ſhape and colour like our common Engliſh Waſp, whoſe little neſt was half round (like the bell of a clock) fixed under the covert of a rotten log: theſe neſts in colour reſemble brown paper; only the laſt tends to a brimſtone colour. Here are others brown with purple wings, and ſome with ſtreaks of yellow under their bellies: theſe make their combs of the ſame matter, but naked without any cover: they chooſe the ſhelter of a houſe, &c. though I have ſeen them ſticking in a bank. Here are alſo ſome phlamot, with purple wings; and others large, black and yellow, with a mouth like a bi ze or ſtout; and one red and black, without wings, whoſe ſting is very long. This laſt is a very ſingular waſp, and the only one I have yet ſeen without wings; from Virginia, Carolina, and Maryland. I think it may not improperly be called *Veſpa* Virginiana *impennis, ex nigro rubroque mixta.*

3. *Bombylius Tertia.* Theſe Bees eat into timber, and there make their neſts. This was in the joint of a houſe, ſo firm and ſound, that it was very hard entering with a piercer: the hole was juſt large enough for the bee to creep in at, and went right up about two inches in the wood, and then in a tranſverſe line at leaſt half a foot on each ſide, which ſeemed to me (as I probed it with a knitting-needle) to be twice as wide as the entrance. How many bees belonged to it I cannot tell: three there were in, and I heard one or two about the door.

Mouffet, in his 6th Chap. *de Propoli*, p. 36. ſays there are four ſorts of Hive-droſs.

4. *Muſca* carnivora *Vivipara.* A ſmall brown Fly, that extrudes live maggots.

5. * *Cicadæ* & earum exuviæ, Mouf. 130. Thoſe inſects that poiſoned the trees in New-England were *Cicadæ*, Phil. Tranſ. No. 8. p. 137. 1665.

6. *Cimices.* Wall-Lice. Another of our plagues: where there is not great care taken to deſtroy them, they are as numerous in our beds, as Cock-Roaches in our kitchens.

7. *Cicindela Mas.* The Fire-Fly. *Cicindela* Mariana, *vaginis teneris fuſcis marginibus fulvis*, Act. Phil. 246. p. 397. 16. This is not that great Virginian kind, whoſe head ſhines; nor is it that ſmall one, which Piſo ſays the Braſilians call *Memsa*; or the common kind, though much of that ſhape and ſize. This emits its light at two creſcents; but the whole tail of ours ſhines, which it contracts and dilates at its pleaſure. Its ſheath-wings are of a dark purple edged with yellow; and ſo is its head or helmet.

8. *Cicindela Famina.* The Glow-Worm. Is armed, back and head, in joint armour, of a deep murray colour, faſtened to the *thorax*: the tail made of nine ſhelly rings, in the laſt of which are viſible the two ſhining points. Its head is black, ſo ſmall, one cannot, without the help of a glaſs, perfectly diſcern the contexture of it. Its eyes (if it have any) like thoſe of a Snail, ſtand on the tops of two horns. It has ſix legs.

9. The Holy Beetle, in the *Tab. Hieroglyphica*, mentioned by Mr. Gregory in his preface. Here are multitudes of them in ſummer. I have often inſpected their rolling pellets, yet could not find any alteration in the maſs of matter through their motion, till I met with one of theſe deſerted balls: in the centre lay a ſmall white grub. I ſince found, in one of theſe balls, two very little young beetles, differing from the old only in ſize.

10. Scarabæus *colore griſeo, ſcapulis binis quaſi ocellis nigris villis pubeſcentibus notatus.* A ſmall Beetle, all black. Found among rotten wood; called a Snapper, from the noiſe it makes by thruſting part of its neck into its breaſt, and ſpringing it back again.

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* *The* Cicada, *or* American *Locuſt, which appears periodically in ſeventeen or ſeventeen Years, by* Moſes Bartram, 1766. *to* Peter Collinſon, *Eſq; F. R. S.* &c.

June 8. 1766. I took ſeveral twigs of different trees, on which I ſaw Cicada's darting (as it is called) to lay their eggs in them: I put ſome in empty phials; in phials with a little water; and ſome I ſtuck in a pot of earth, which I moiſtened to keep the twigs freſh.——July 21. the eggs in the twigs in the phial with water hatched, as did thoſe in the twigs in the pot ſoon after; but the twigs in the empty phial being withered, the eggs periſhed; yet I have obſerved, that one twig accidentally broke off in the woods, if they lie near the ground in the ſhade, ſo as to continue moiſt, they hatch; but in thoſe expoſed to the ſun, die.——Thoſe hatched in the phial, ran down the twigs to the water, on which they floated four and twenty hours, and then died. Thoſe that hatched in the twigs in the pot, ran down immediately to the earth, and entered at the firſt opening they could find, which they ſearched eagerly for, as if already ſenſible of danger by being expoſed to the ſun.——I obſerved, that in the natural way the eggs are uſually hatched in ſix weeks; but if, by the luxuriance of the growth of the ſhoots into which the eggs are darted, the rind of the tree cloſes and confines them, they will in that ſituation remain ſeveral months, till by ſome lucky accident they are diſengaged; and then they will hatch in a few minutes after, and ſeek their retreat in the earth, in the ſame manner as thoſe hatched in the uſual time, but may periſh by being ſo impriſoned.

Viewed through a microſcope, the moment they are hatched they appear as perfect as at their laſt transformation, when they riſe out of the earth, put off their ſcaly covering, expand their wings, diſplay their gaudy colours, dart forth their eggs, and after a few days exiſtence cloſe the period of their lives by an eaſy death.

The means by which they are enabled to continue their ſpecies. The females are furniſhed with a bearded dart, with which they pierce the tender branches of any tree they light on, without regard to ſituation or ſpecies: many therefore periſh by the quick growth of the trees in which the eggs are darted; more perhaps by being laid in twigs that hang over waters. The dart by which the operation is performed conſiſts of three parts; a middle, and two ſides: the middle is hollow, through which the eggs are darted; and the two ſides ſerve for a covering to defend it: theſe may eaſily be taken apart by the middle through the grooves of the two ſides; and it is by ſlipping the two ſide parts by each other rapidly, that they work a kind of a ſlant hole in the ſoft twig, till they reach the pith, and then inject twelve eggs into it: then they begin another hole cloſe by the former, and work till they have finiſhed two rows each, of twelve or more holes: they remove from twig to twig, till they have exhauſted their ſtore, after which they ſoon expire.

I have not yet diſcovered the full depth to which they deſcend: ſome, I have heard, have been found thirty feet deep; I have ſeen them ten.

They do not go a great diſtance horizontally; for they are ſeldom found far from the woods, unleſs the ground has been lately cleared. It often happens, that in the long period of their topical ſtate great tracts of land are cleared from trees, and converted into arable paſture: hence it is no unuſual thing to ſee them quit their cells in thoſe plain grounds, and haſten to ſome adjacent fence, to put off their incumbrance and prepare for flight.

This they do in the night, by crawling to ſome tree, fence, buſh, or ſtrong graſs.

It is remarkable, that they differ from every other inſect in its chryſalis ſtate: inſtead of being confined in a cloſe cover to a certain ſpot till it burſts, they have a cover fitted to their form, in which they can travel, and which they cannot quit till they find ſome ſolid ſubſtance to fix their claws in; and then, with an effort which requires their utmoſt exertion, they burſt their caſe, which always opens from the ſhoulders to the fore part of the head, out of which they crawl, leaving it ſticking faſt behind. Thouſands of theſe caſes may be ſeen in a morning, adhering to all parts of trees; which, being hardened in the ſun, have a ſcaly-like ſubſtance, which, being inflexible after it is dry, often ſo incumbers them before they can quit it, that many periſh in the attempt. For this reaſon they chuſe the night for the operation, and wait the ſun's enlivening influence to ſtrengthen their wings, which at firſt are white, ſoft, and moiſt, but ſoon aſſume a dark-brown colour, with a firmneſs that enables them to fly, and a tranſparency that adds infinite beauty to their appearances.

It is remarkable, that in every ſtate it is eagerly purſued for food: in the egg, it is the prey of ants and birds; in the grub, by hogs, dogs, and all carnivorous animals that can unearth it; and in its moſt perfect ſtate, not only by many beaſts and birds, but by men; many of the Indians feed ſumptuouſly upon them.

Soon after they arrive at their laſt ſtate of transformation, they ſeek mates to enable them to continue their ſpecies; and in this they are very ſingular: the female is furniſhed with a dart, the ſhaft of which takes its riſe below the middle: on the contrary, the male projects his dart from behind, and fixes it near the ſhaft of the female, where it remains for many hours, during which time they are not to be ſeparated without laceration.

During the ſeaſon of copulation, from ſun-riſe to ſun-ſet, the noiſe they make is ſo loud and perpetual, that little elſe can be heard in the wood where they abound: and it is doubtful, whether during the ſeaſon, or during the whole time of exiſtence in this ſtate, they eat any thing, only by ſucking the dew; for which purpoſe they ſeem to be furniſhed with a long tube, extending from their heads flat to their breaſts, and terminating between their legs, without the power of altering its poſition: other than the tube, they ſeem to have none for the purpoſe of ſubſiſtence.

FINIS.

TAB. I



TAB : II



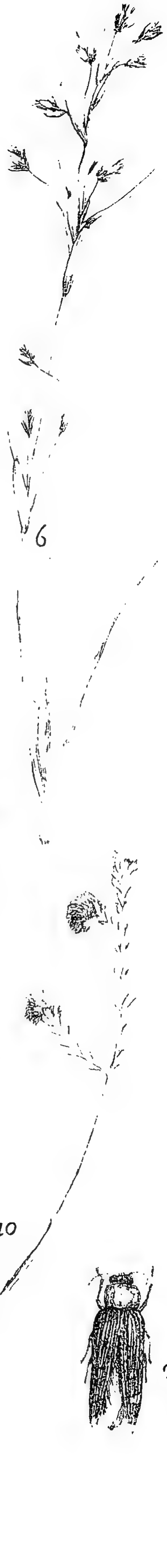
Fig : 7



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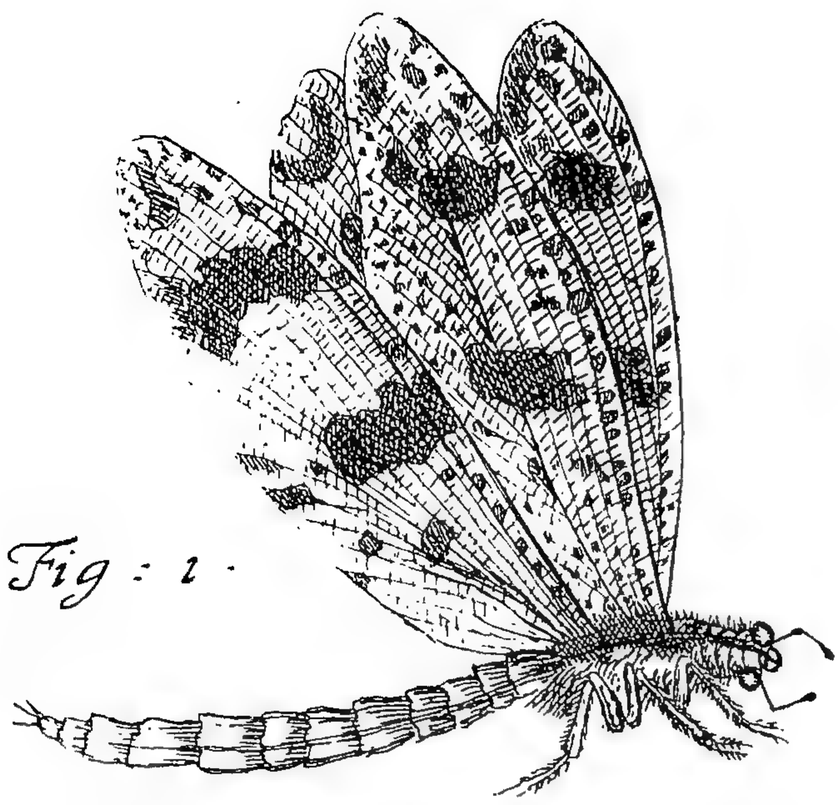
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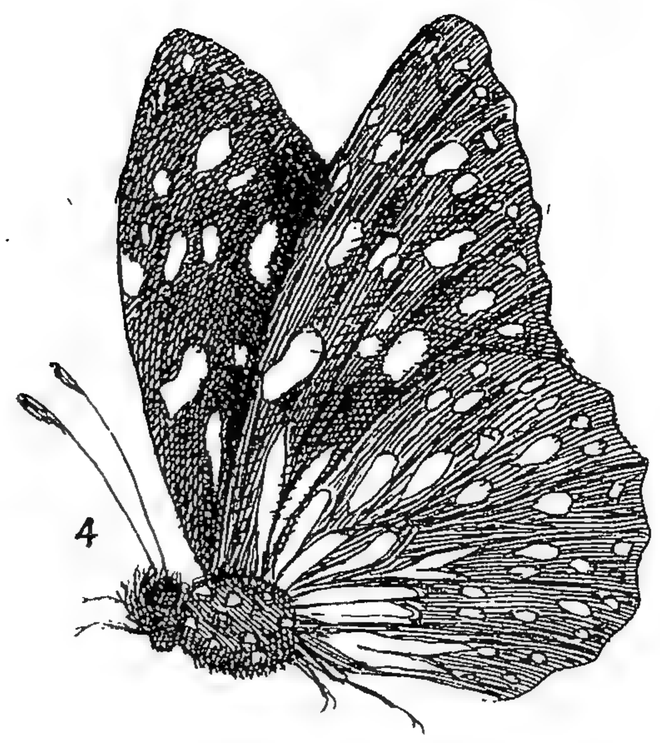
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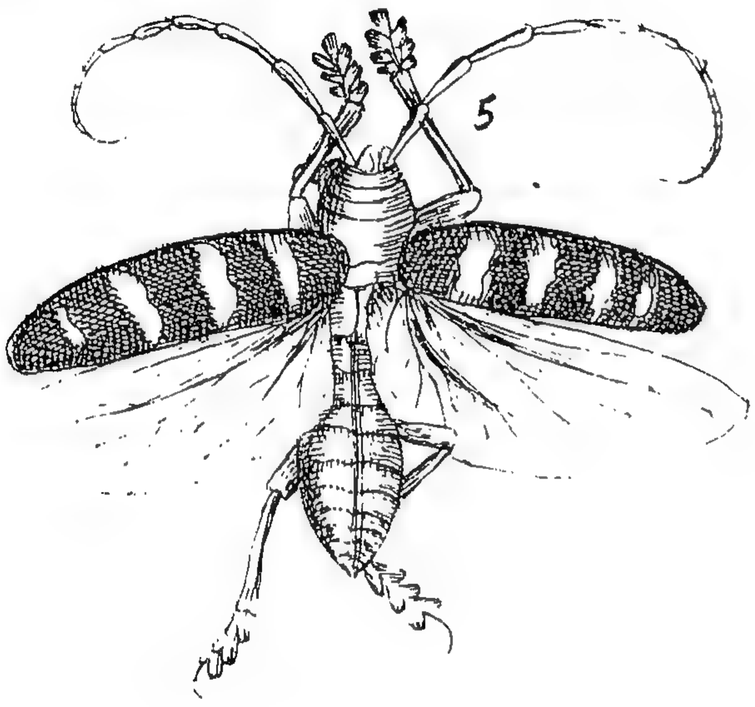
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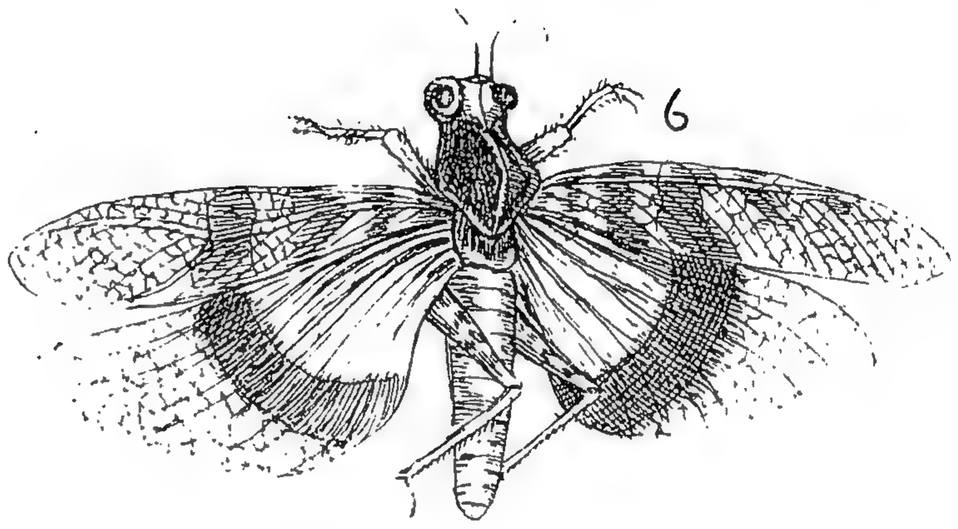


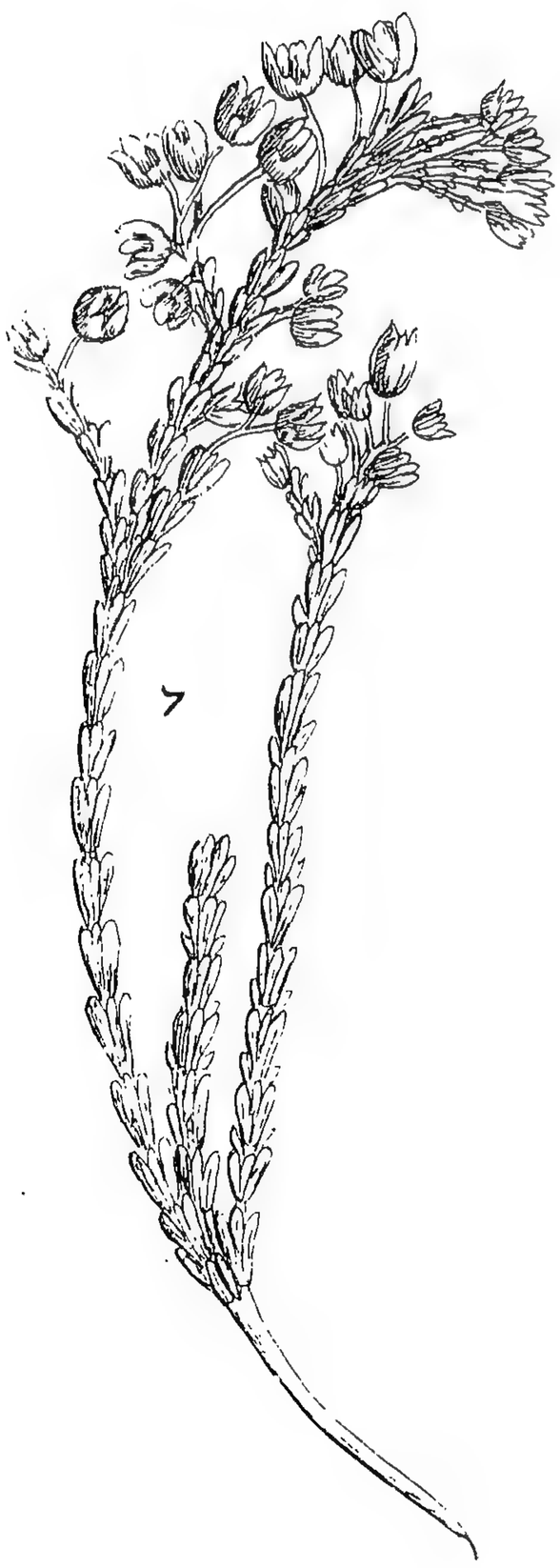


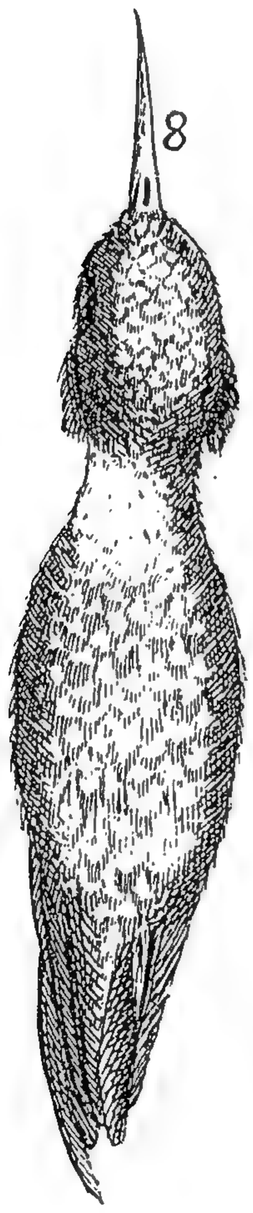


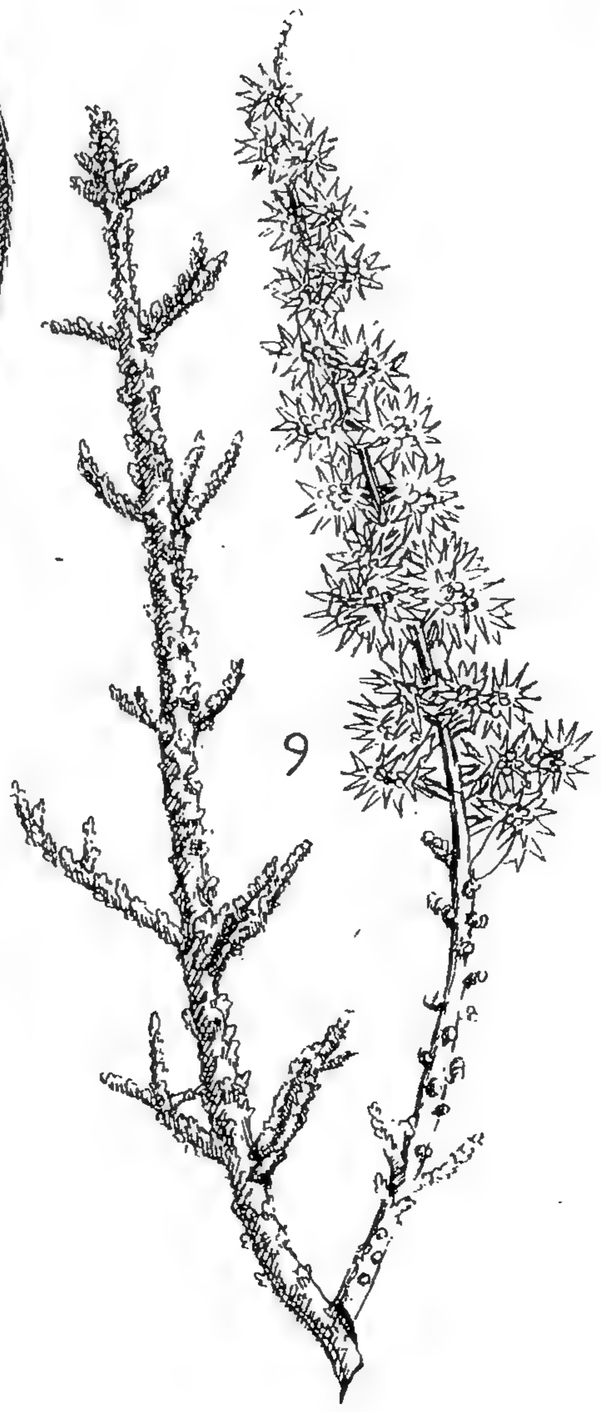


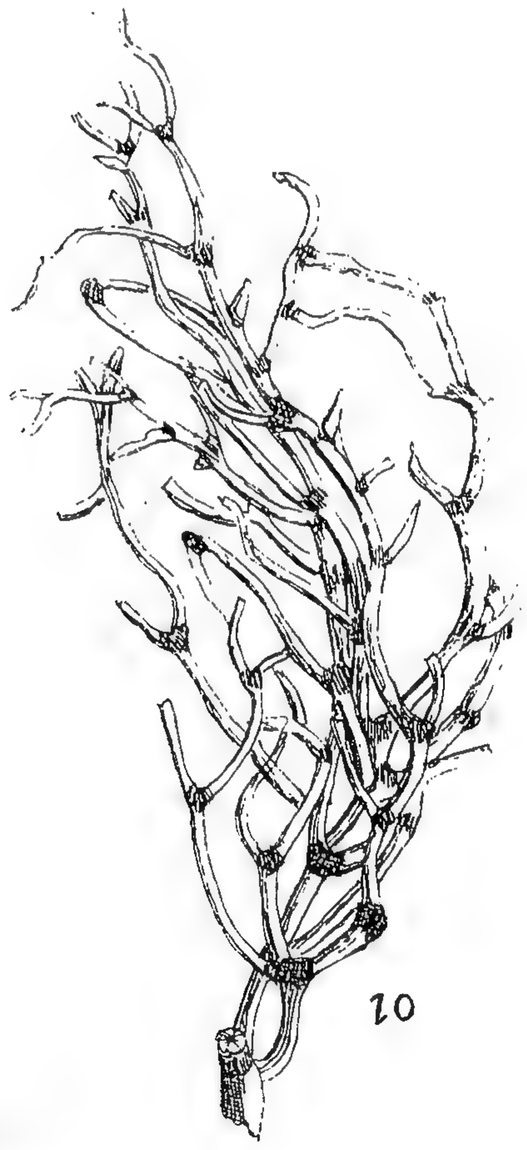


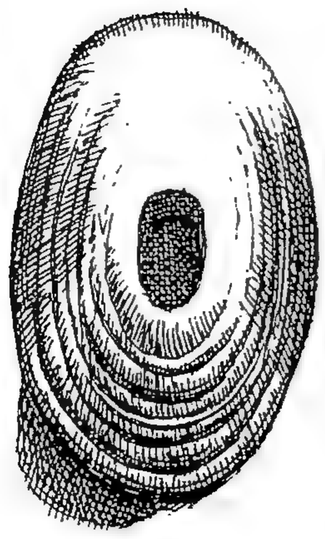


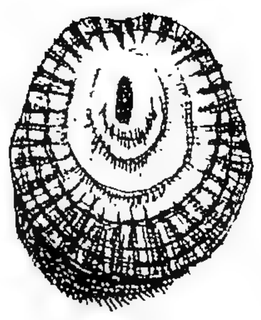






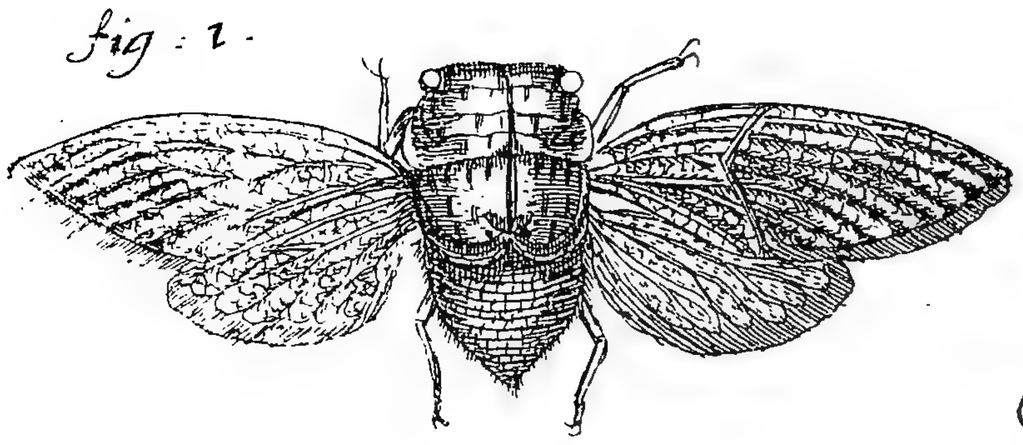


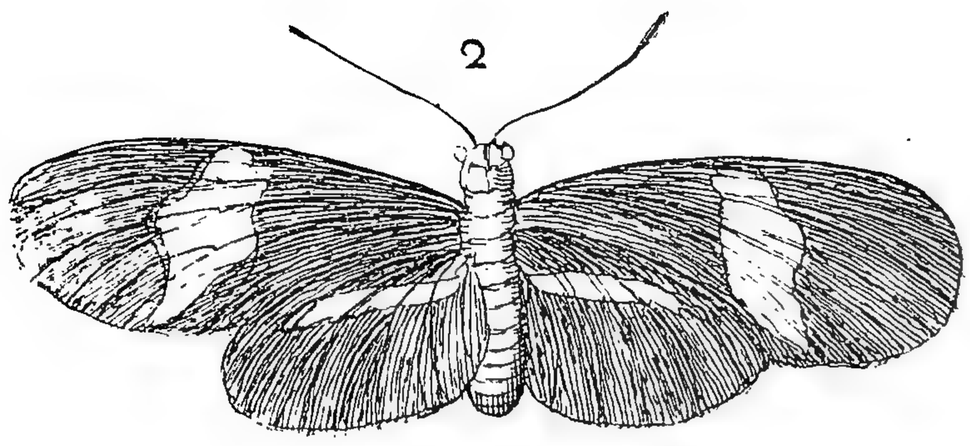




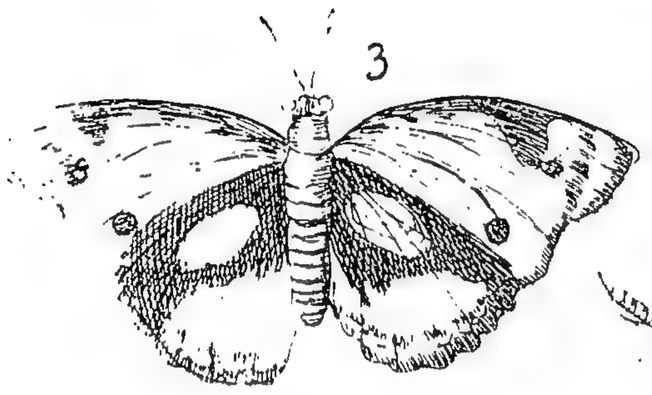
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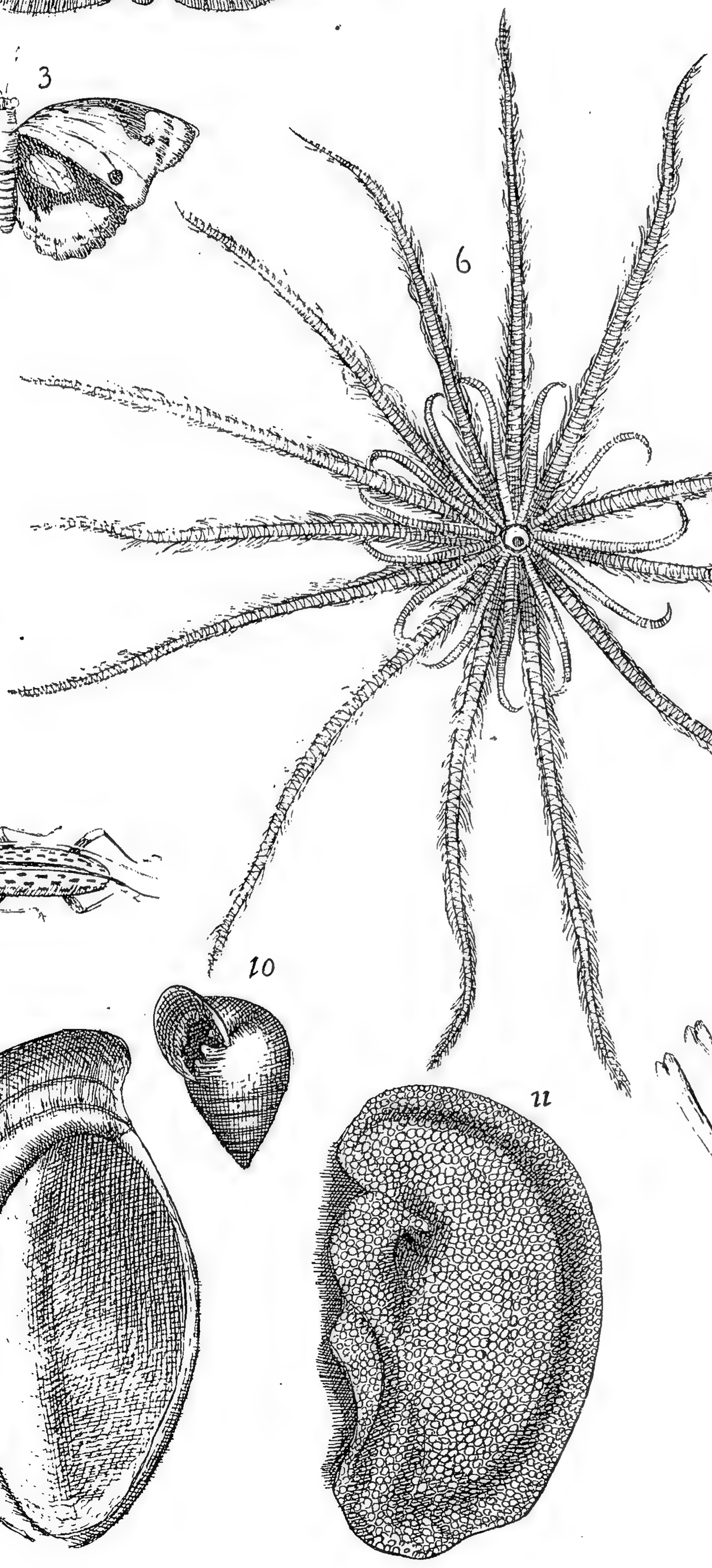


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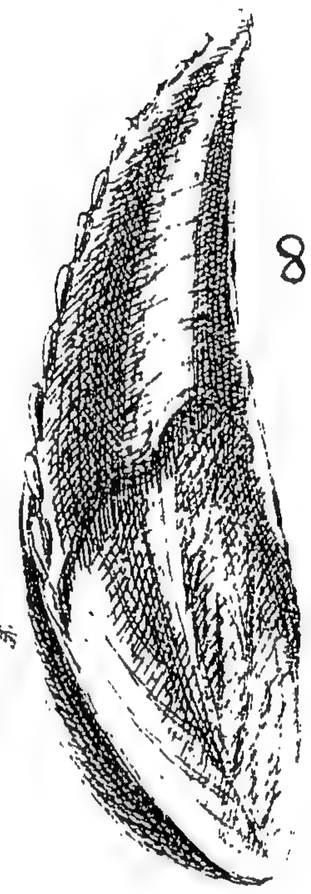




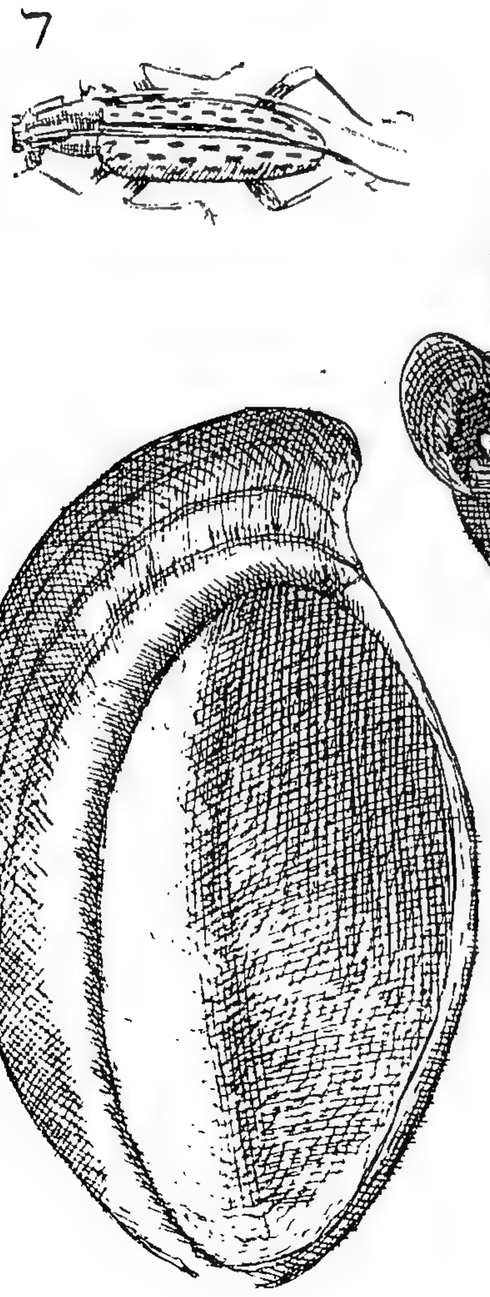
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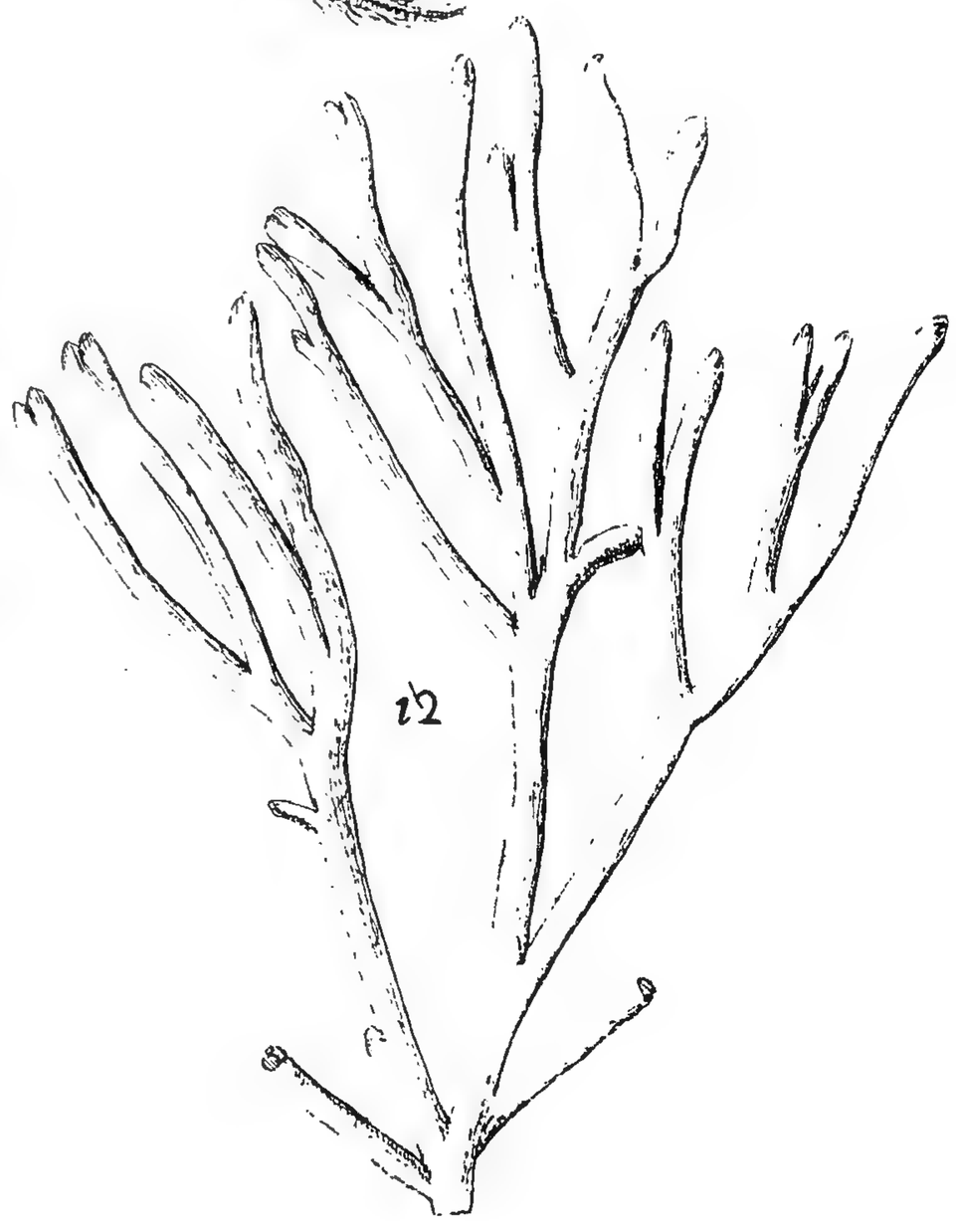


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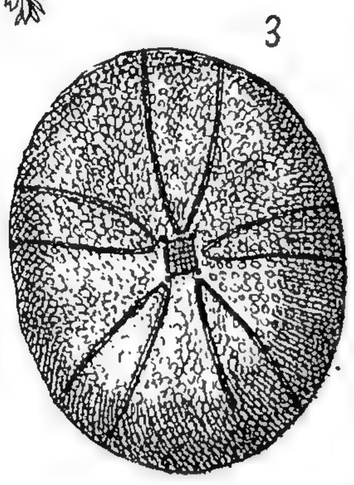


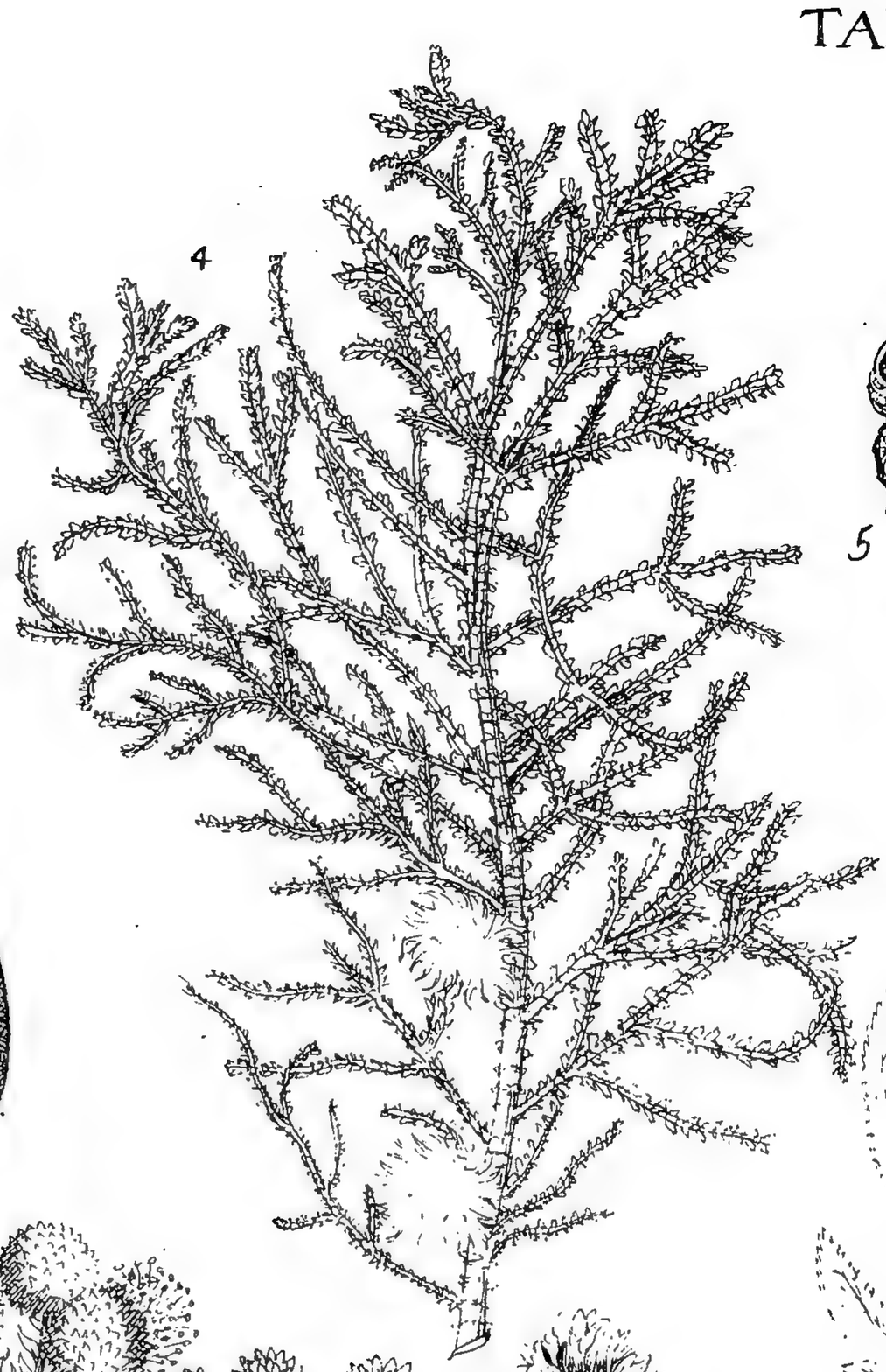
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TAB : V



Fig: 1.



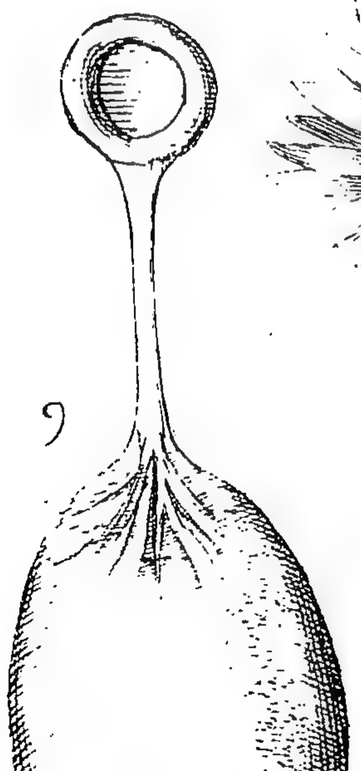


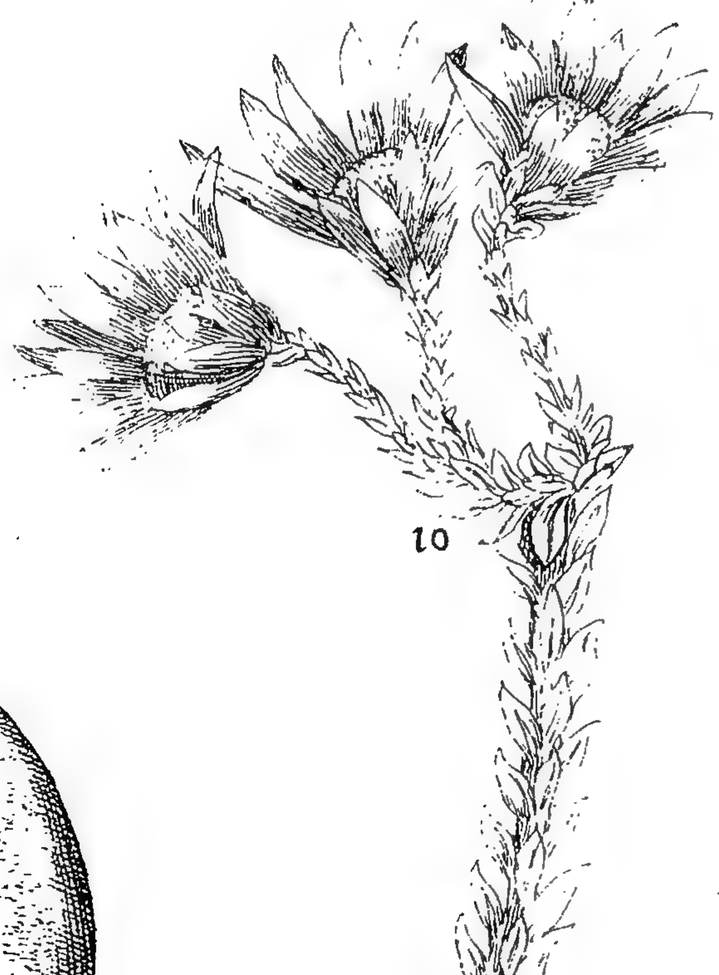




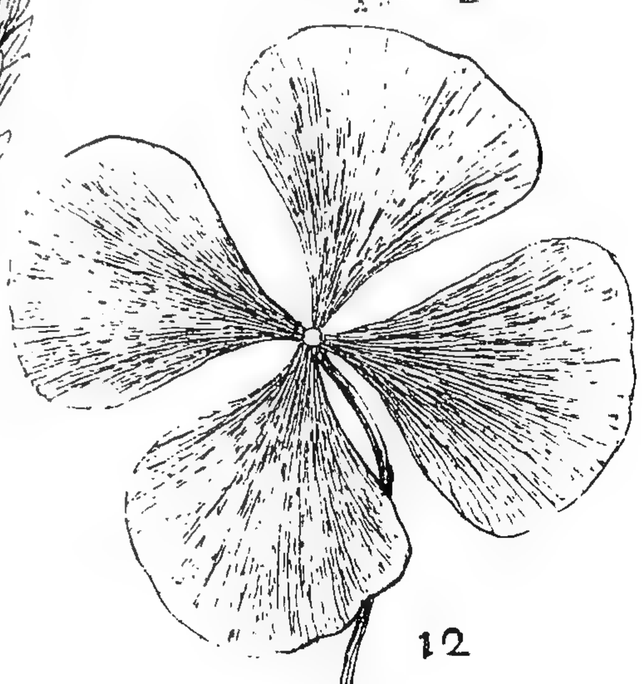












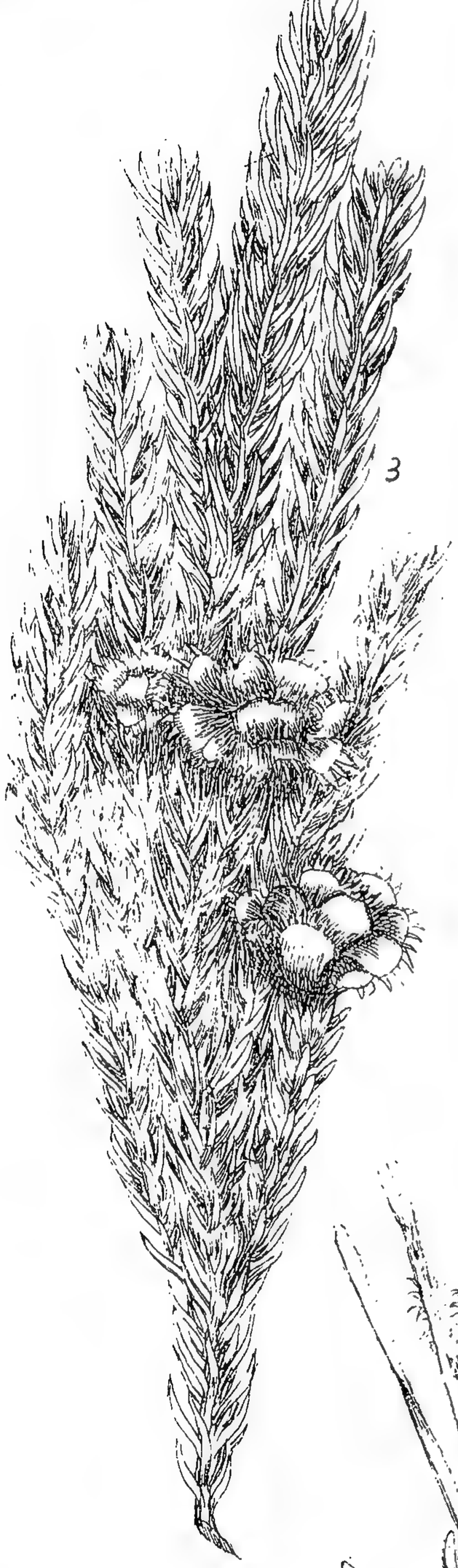
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Fig : 1.

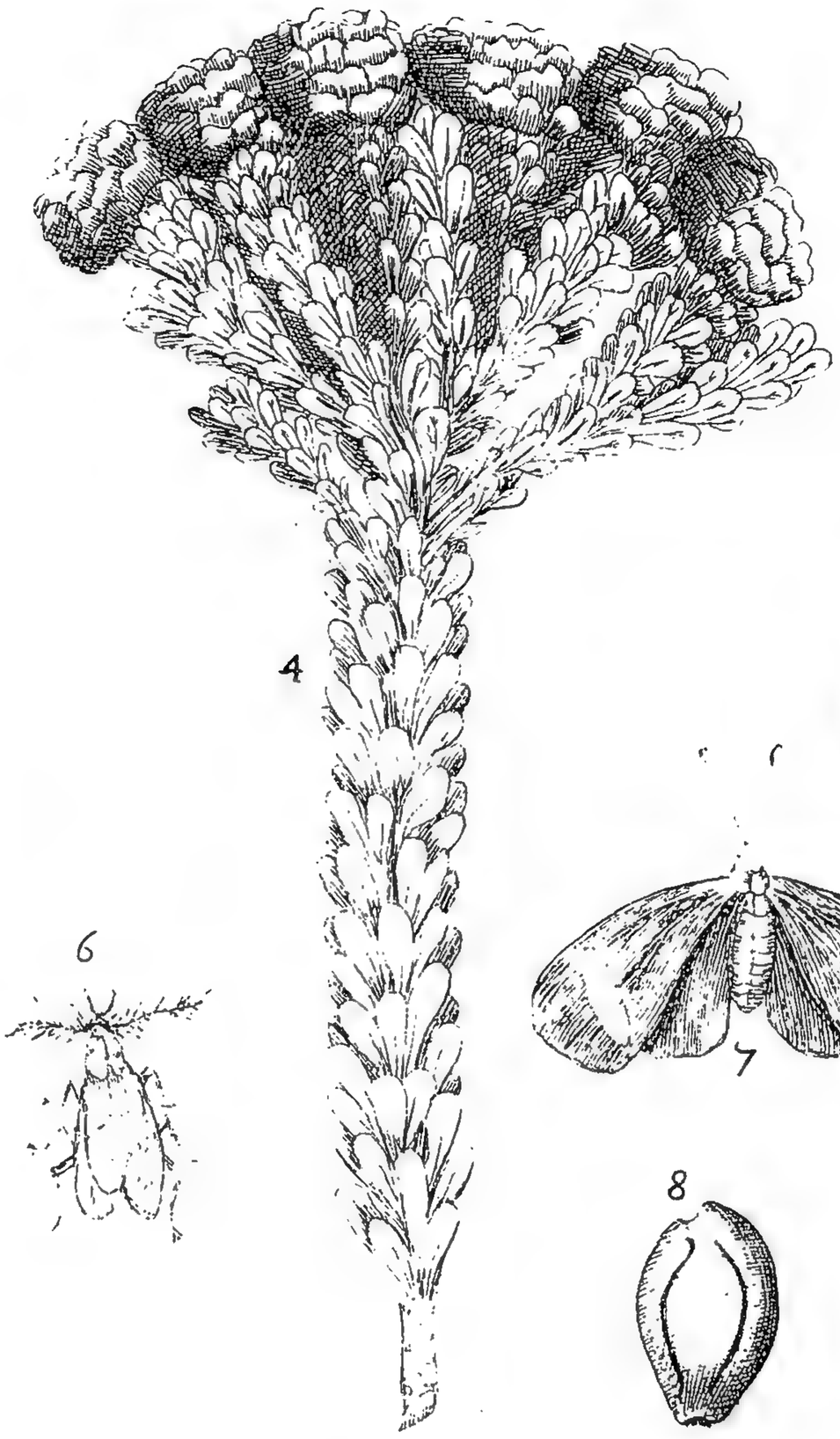




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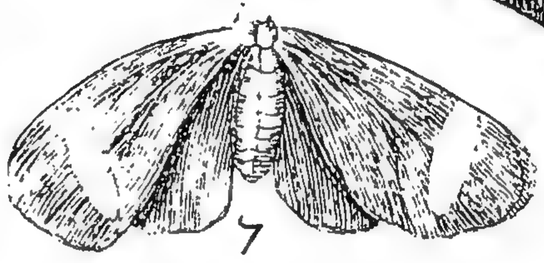
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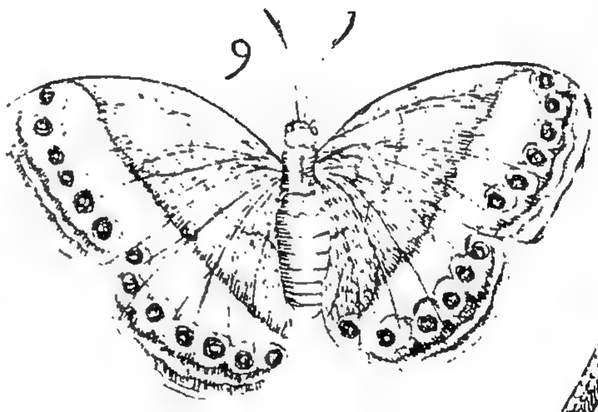


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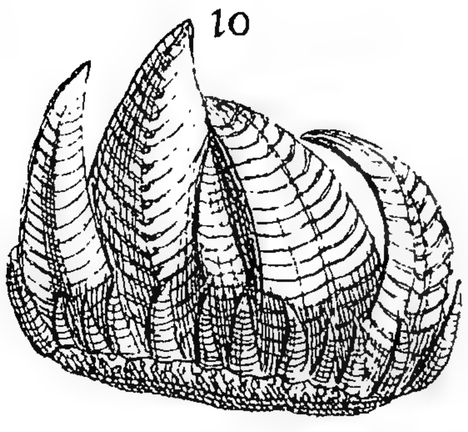
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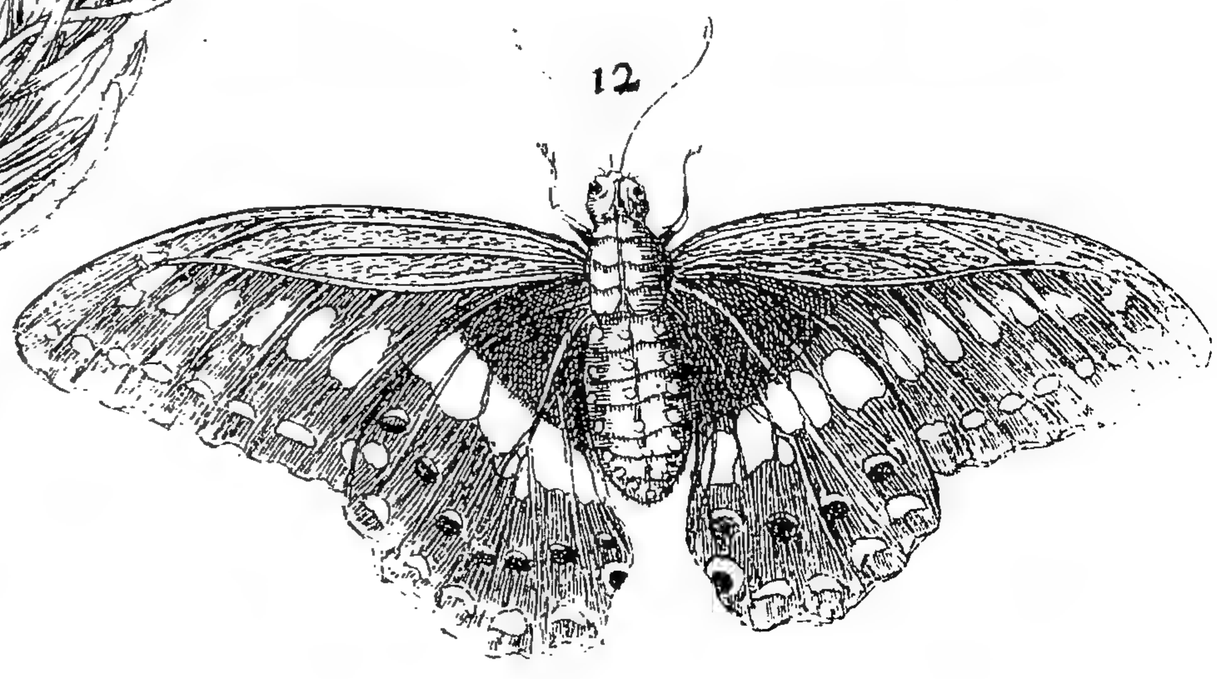
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TAB : VII

Fig : 1 :

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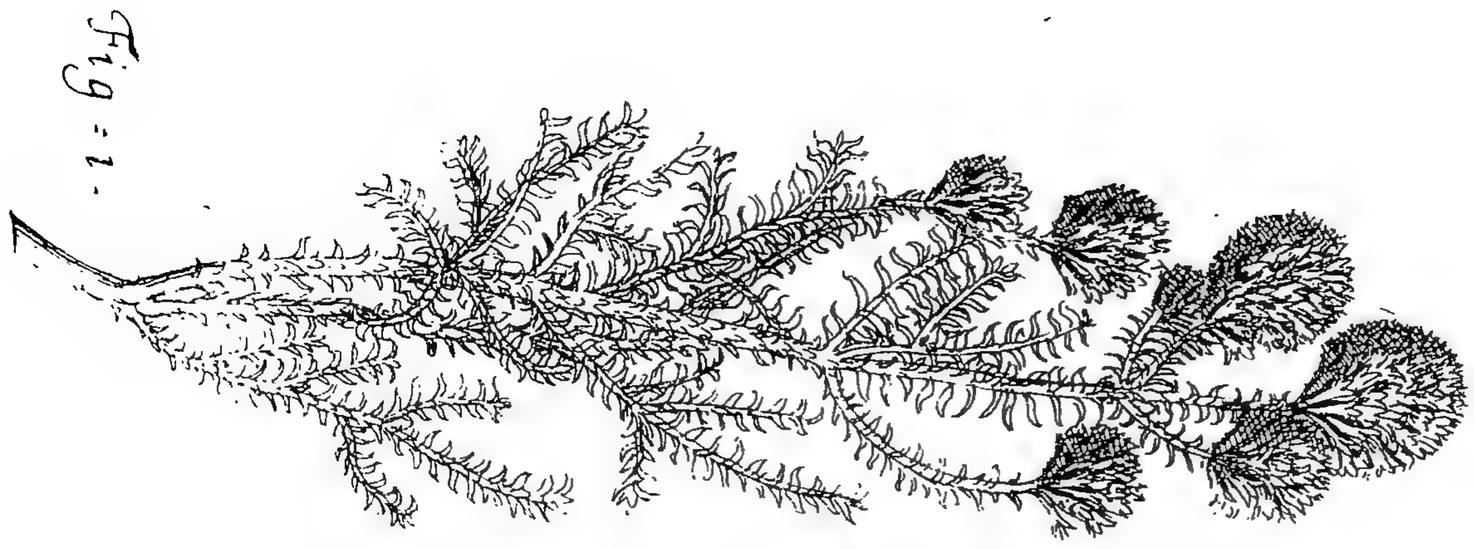
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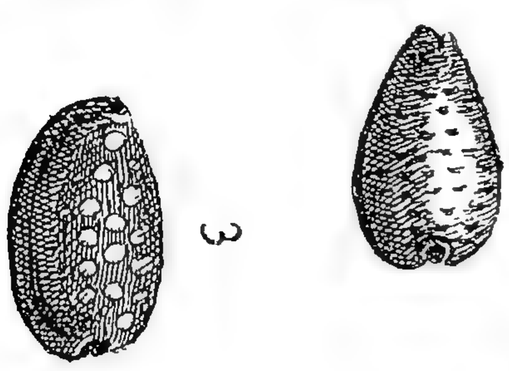
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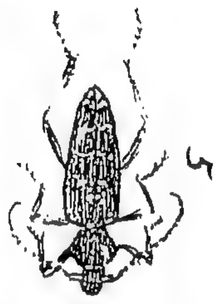
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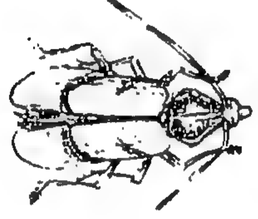
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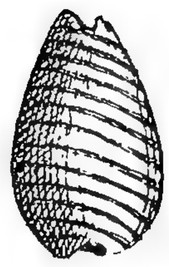

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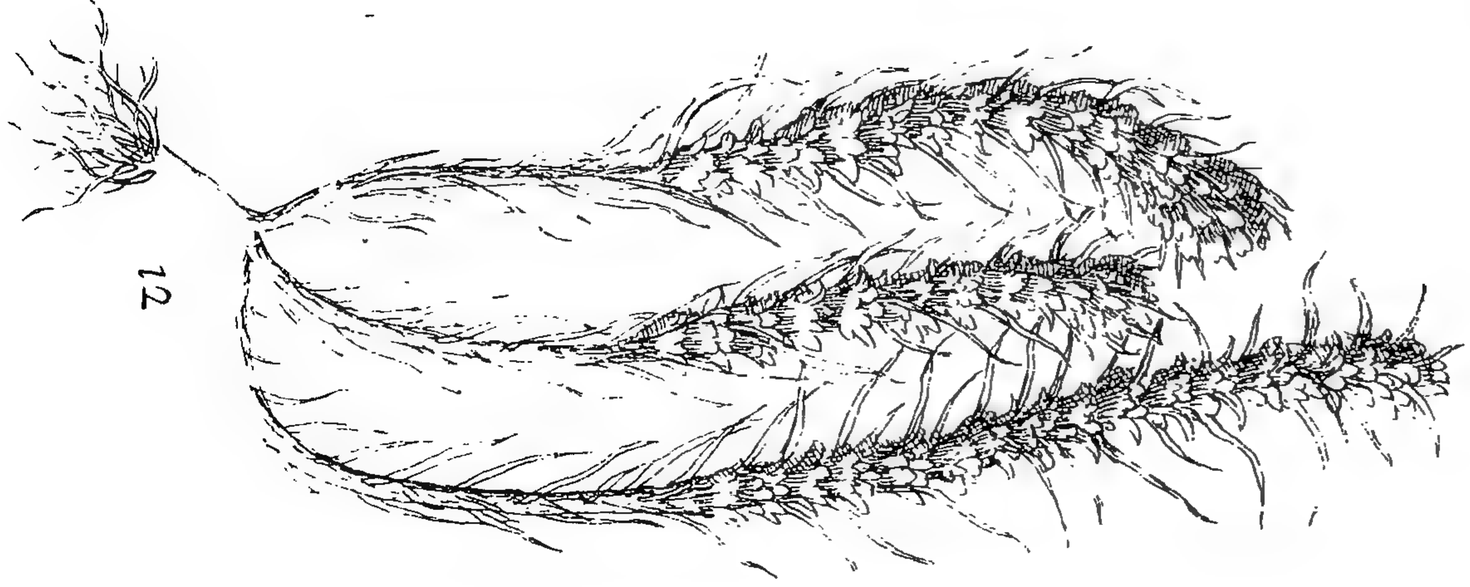
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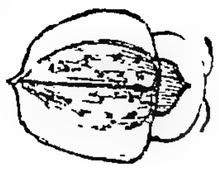

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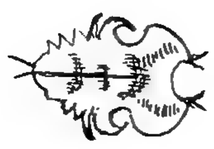

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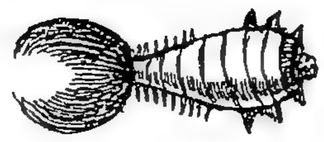
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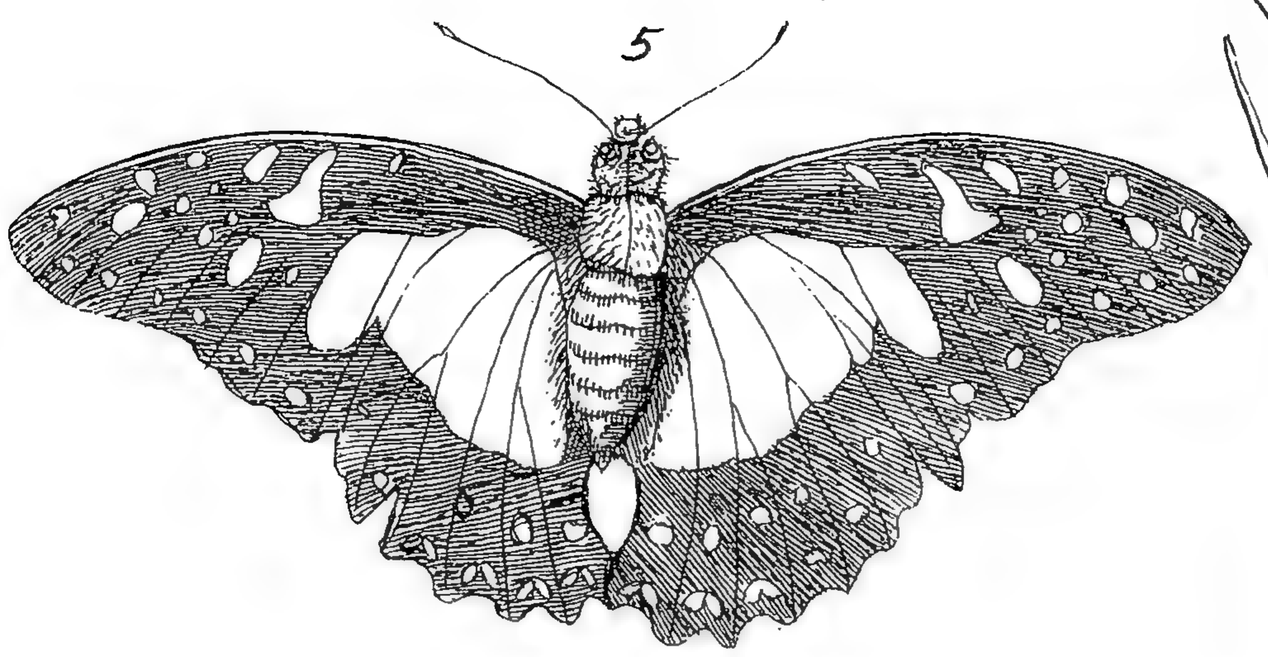


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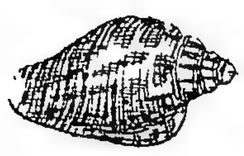


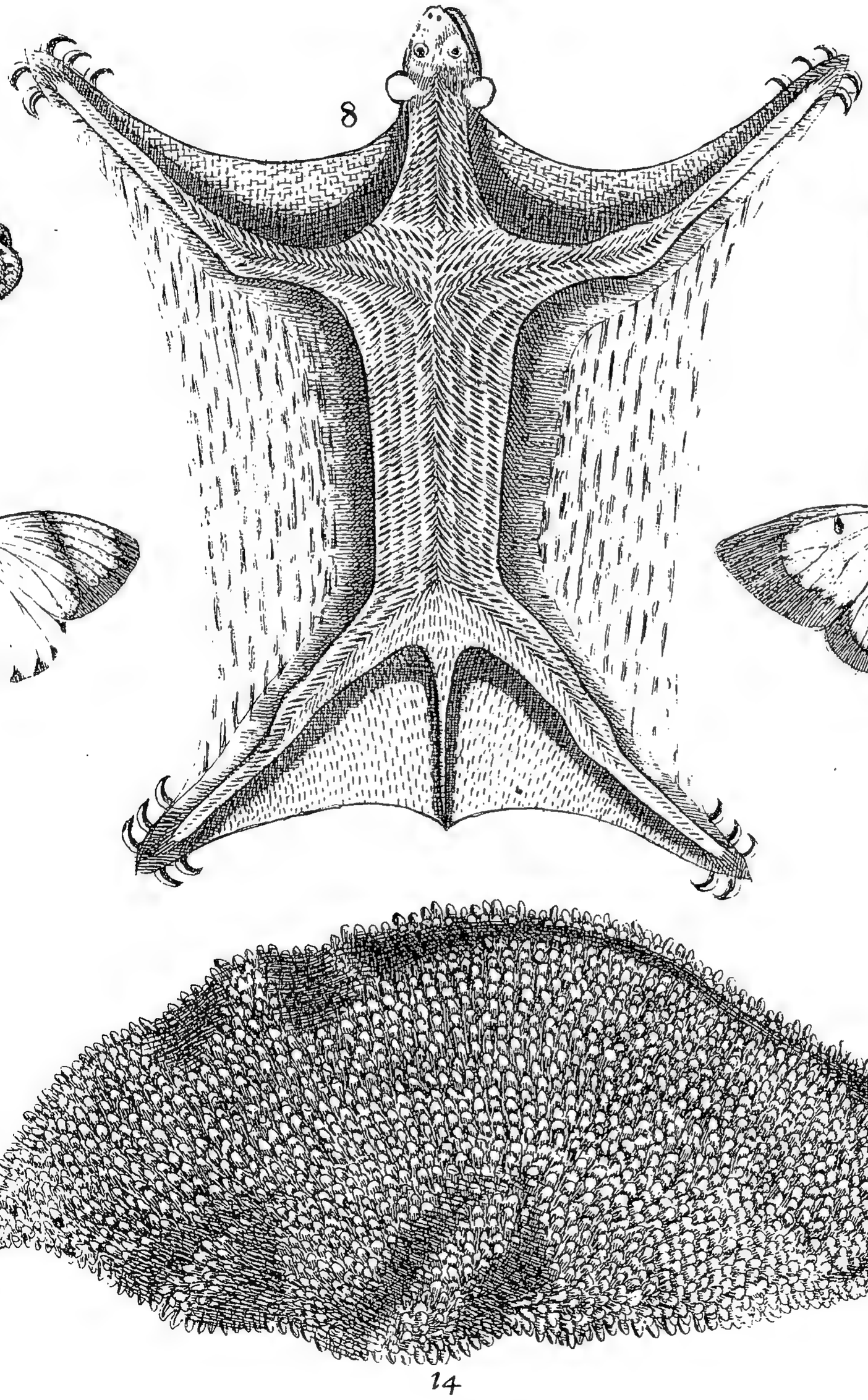
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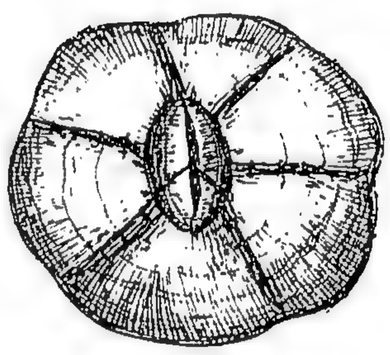
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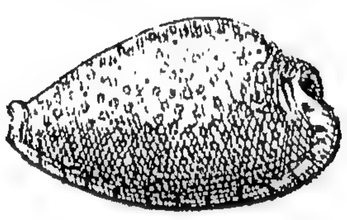


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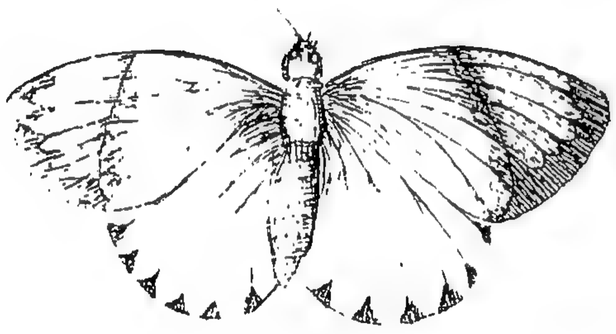
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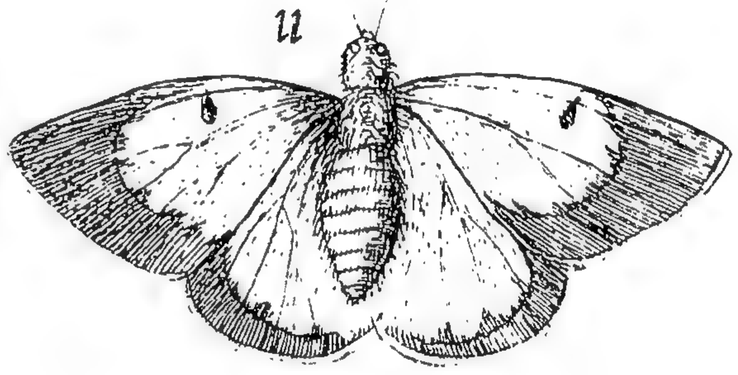
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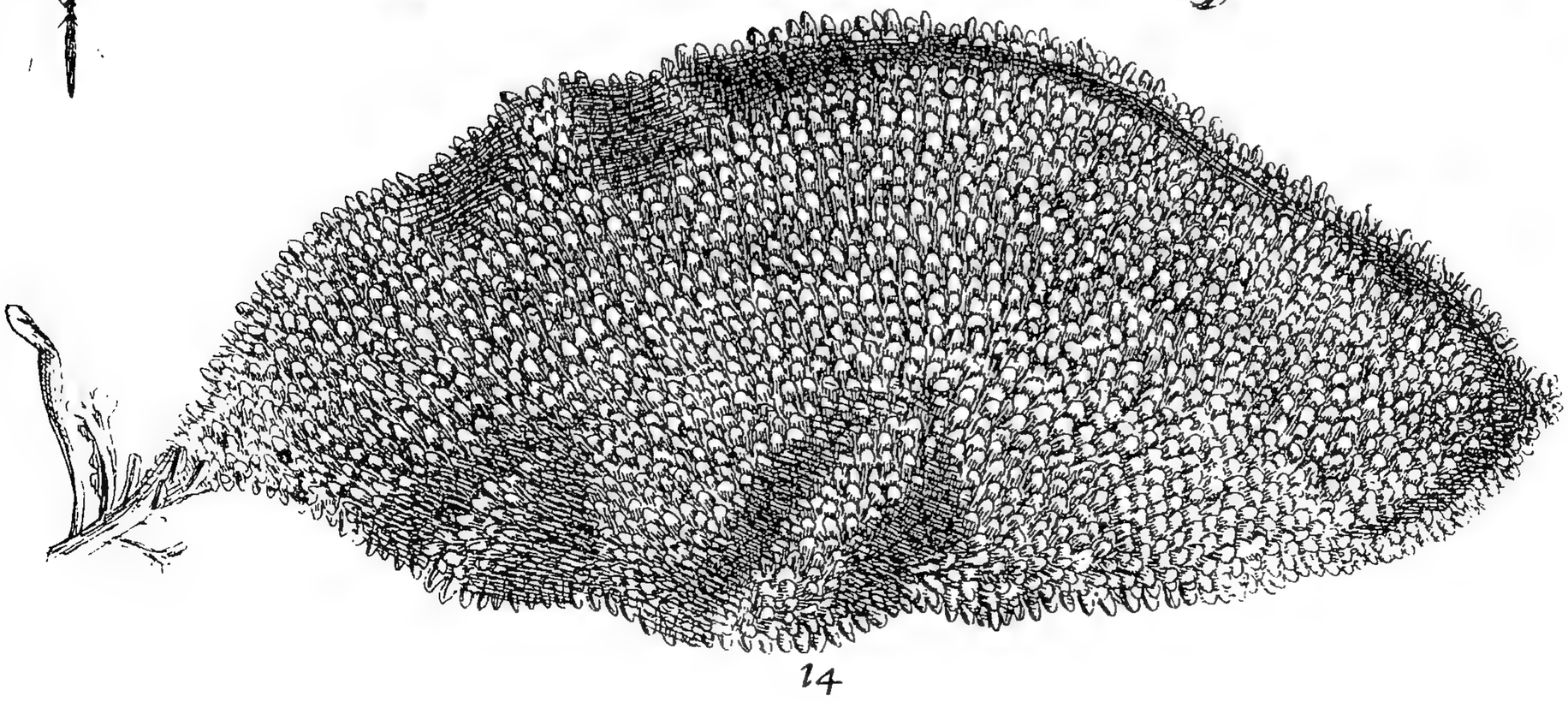


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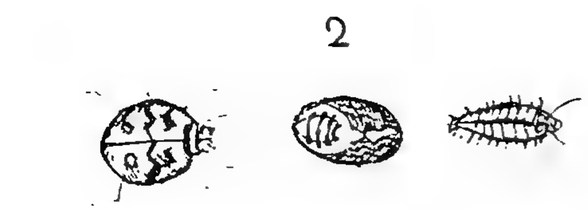


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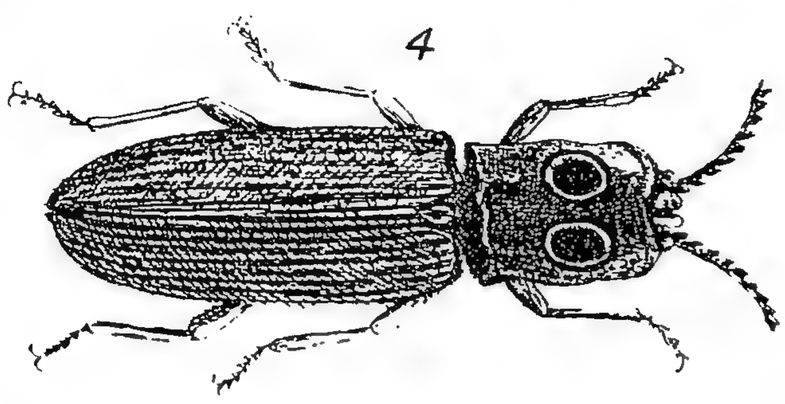
Fig. 1.



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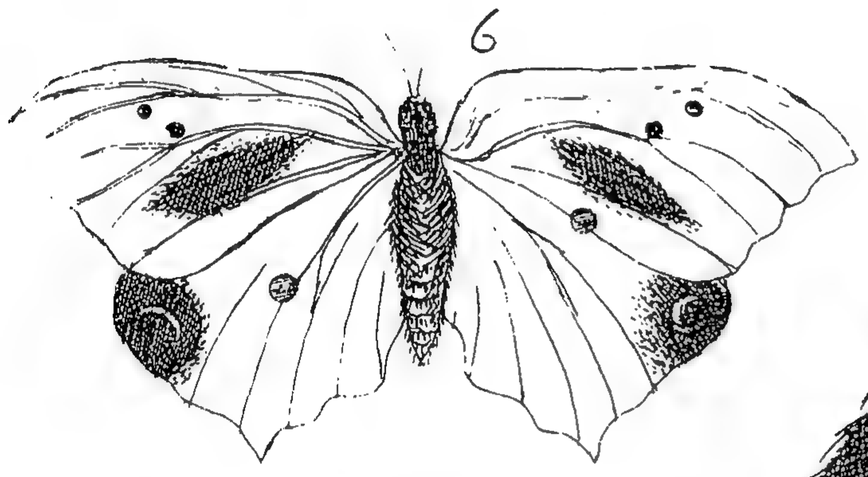


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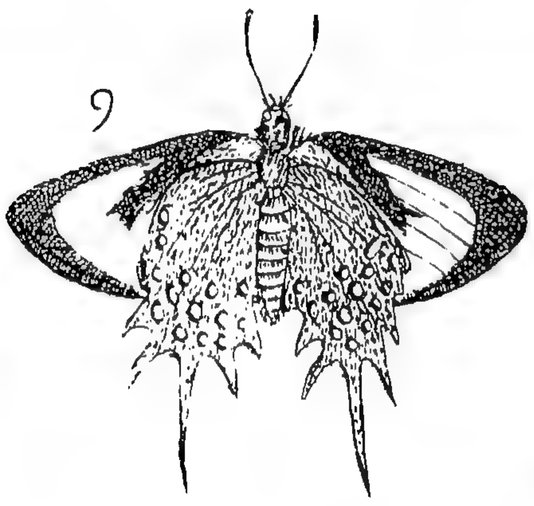
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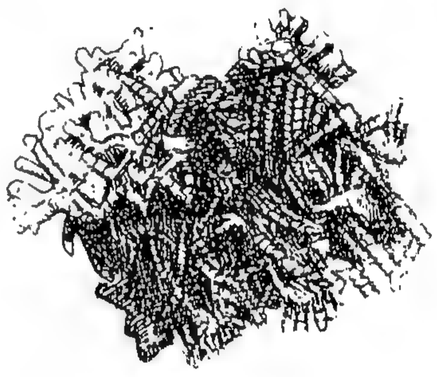
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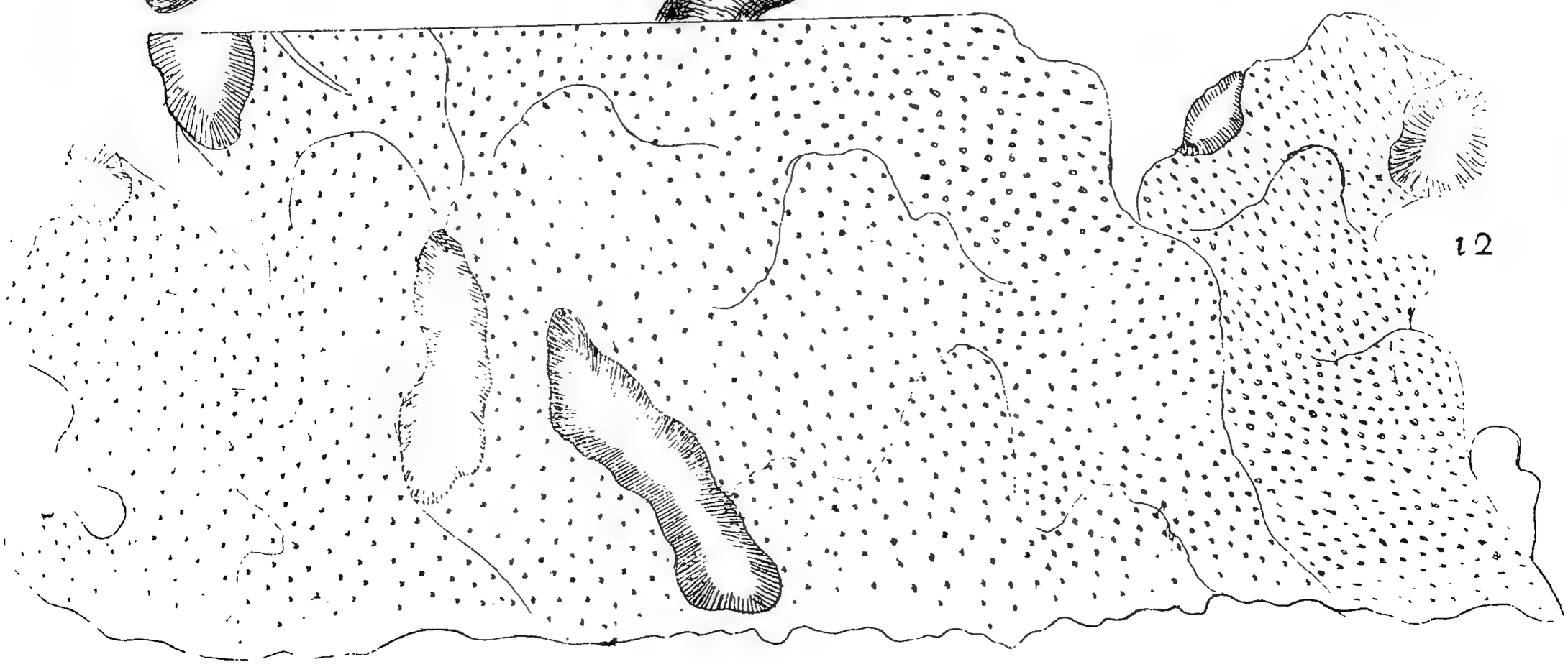


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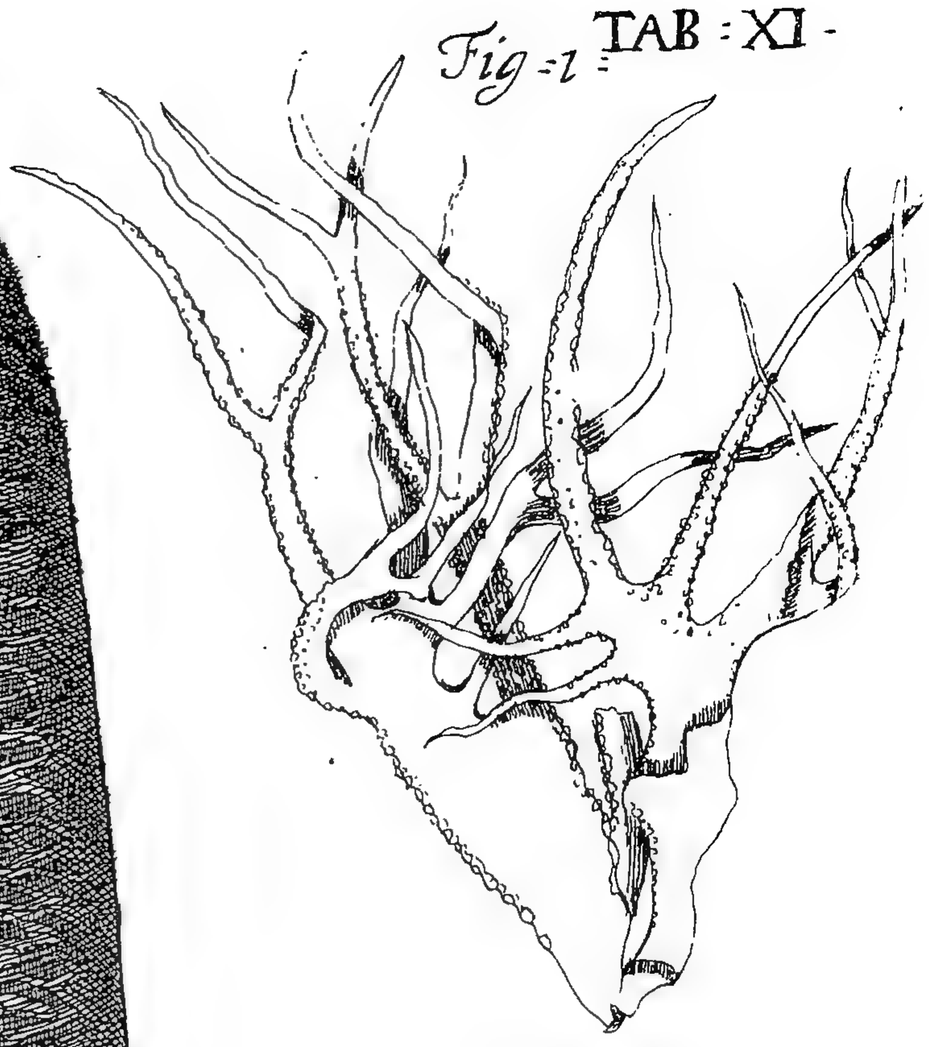
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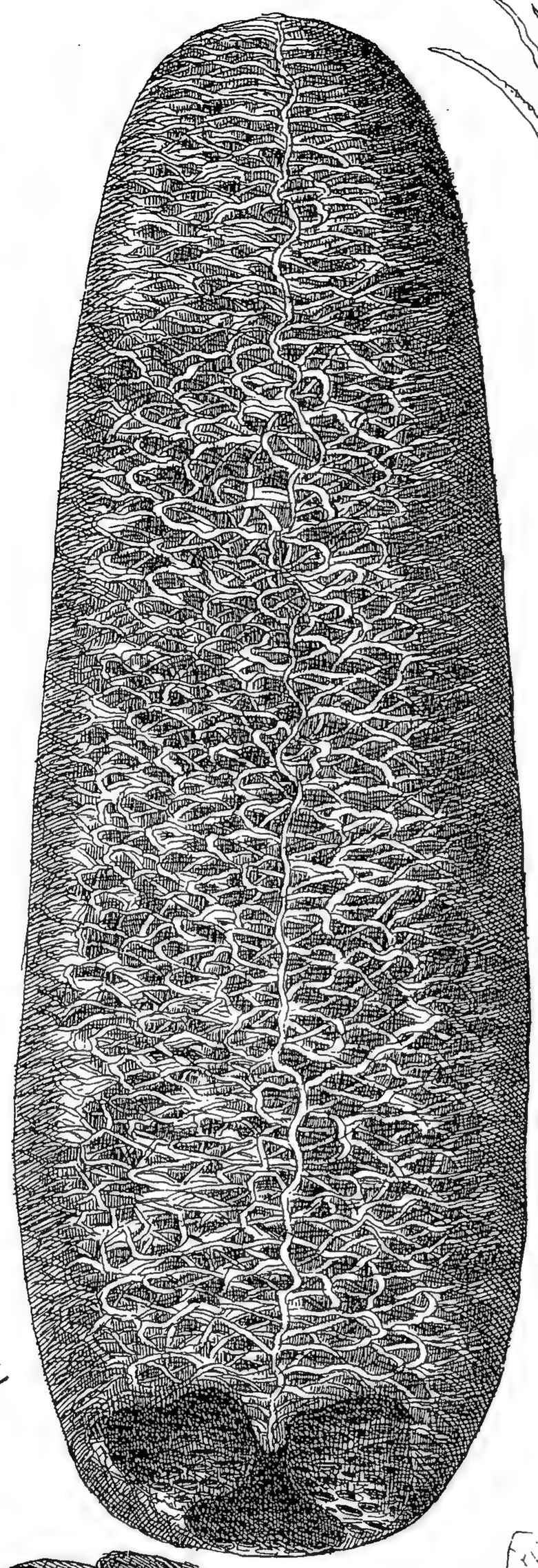
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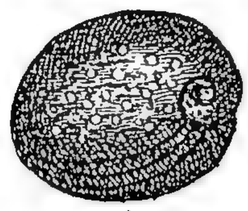
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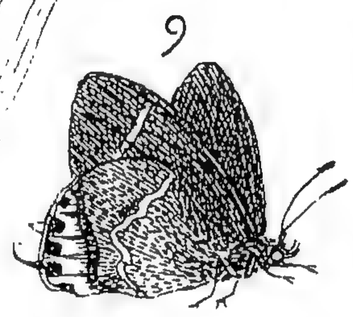


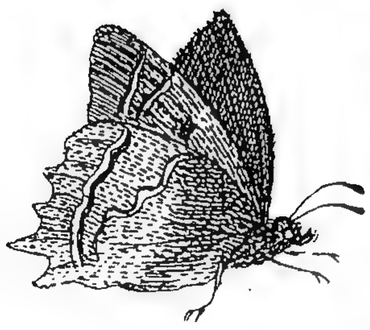








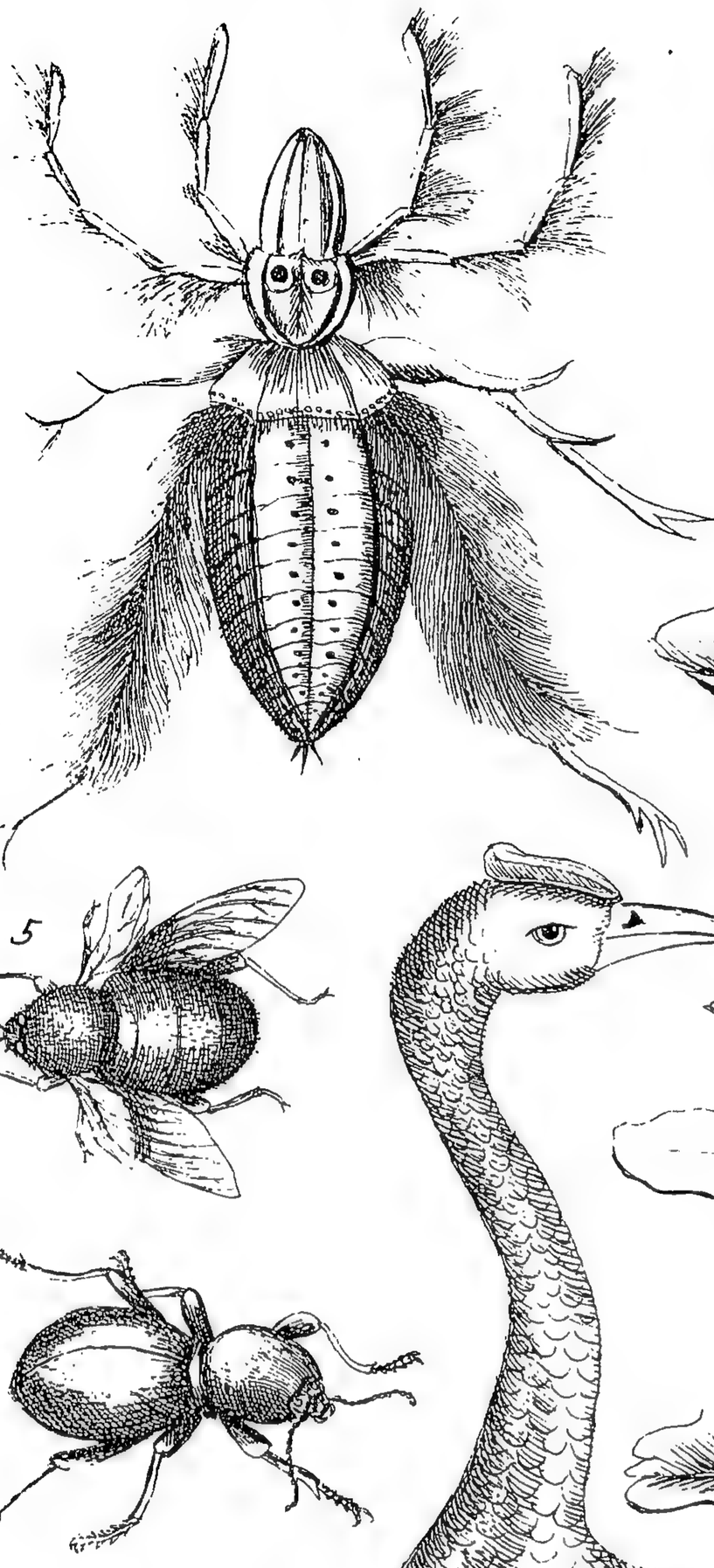


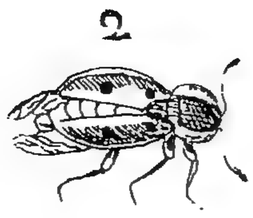


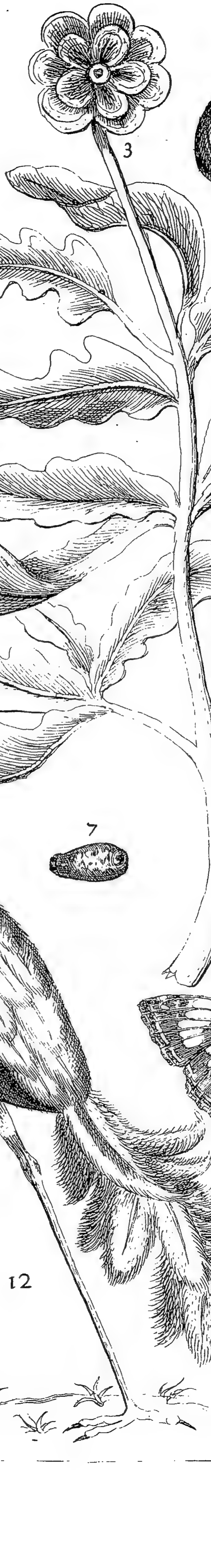


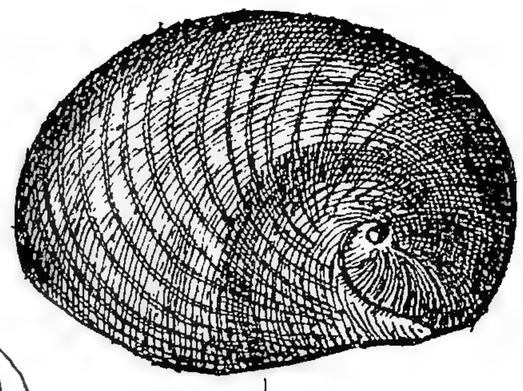
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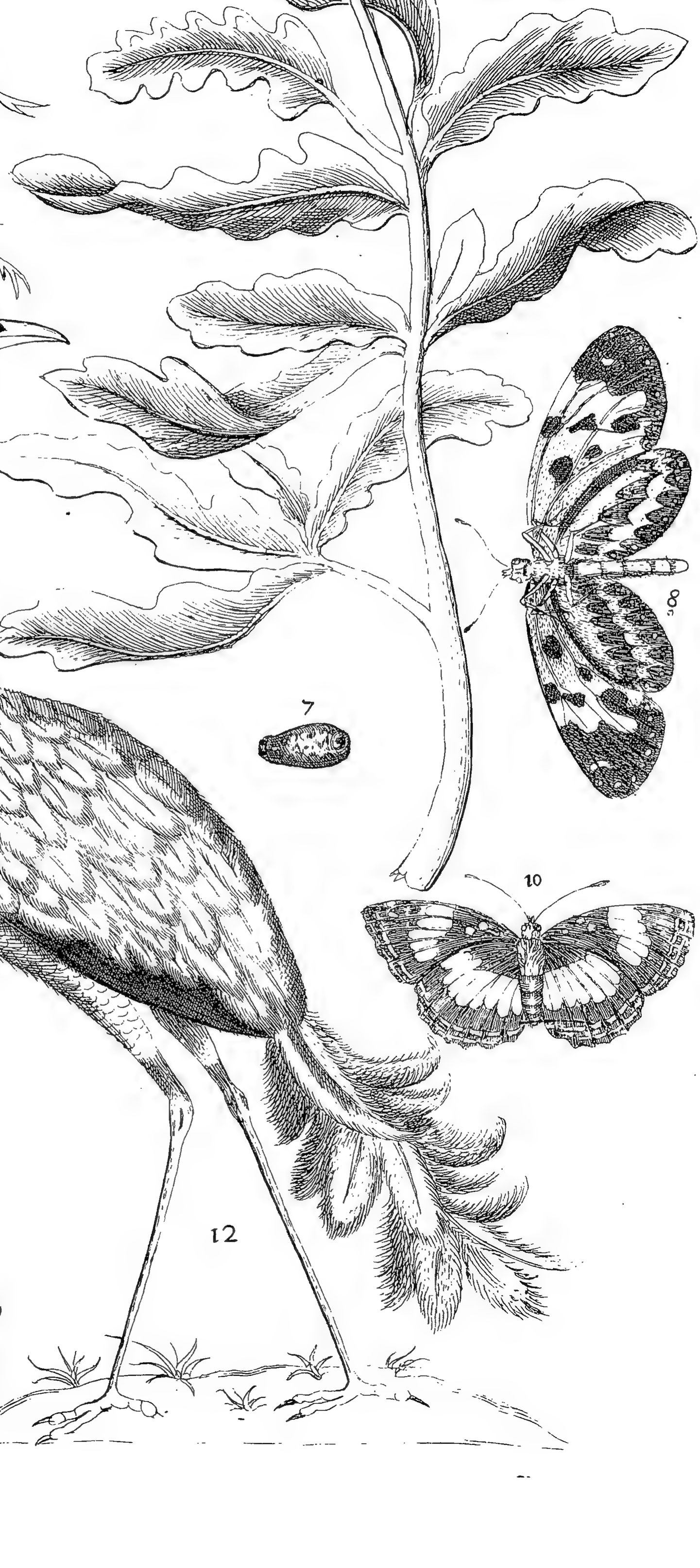
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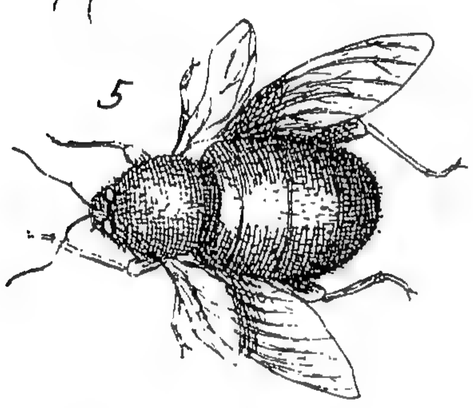


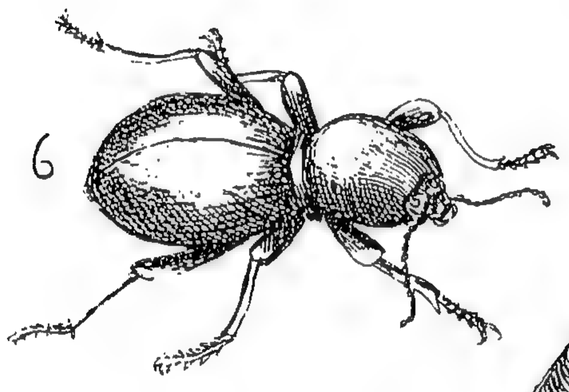


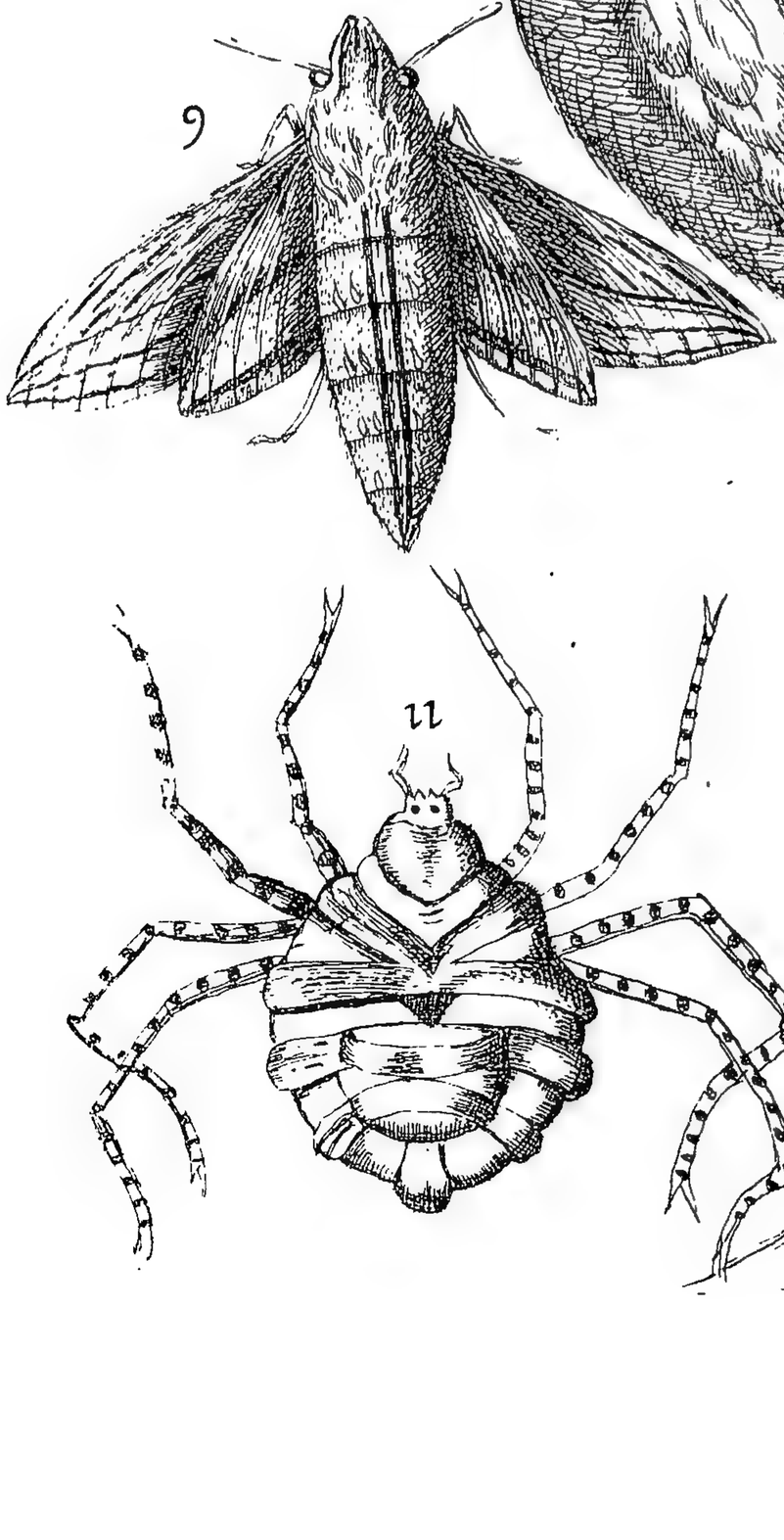












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TAB - XIII -

Fig : 1 -



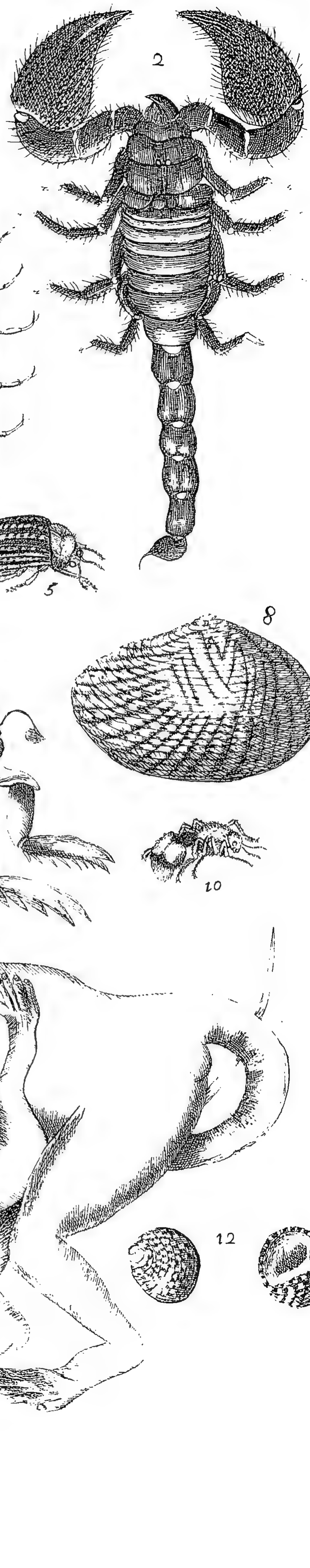








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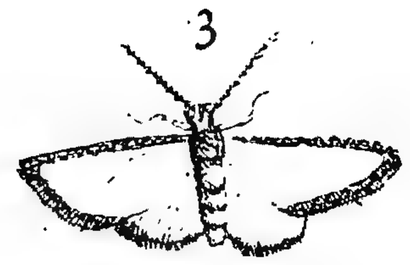


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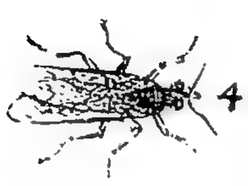




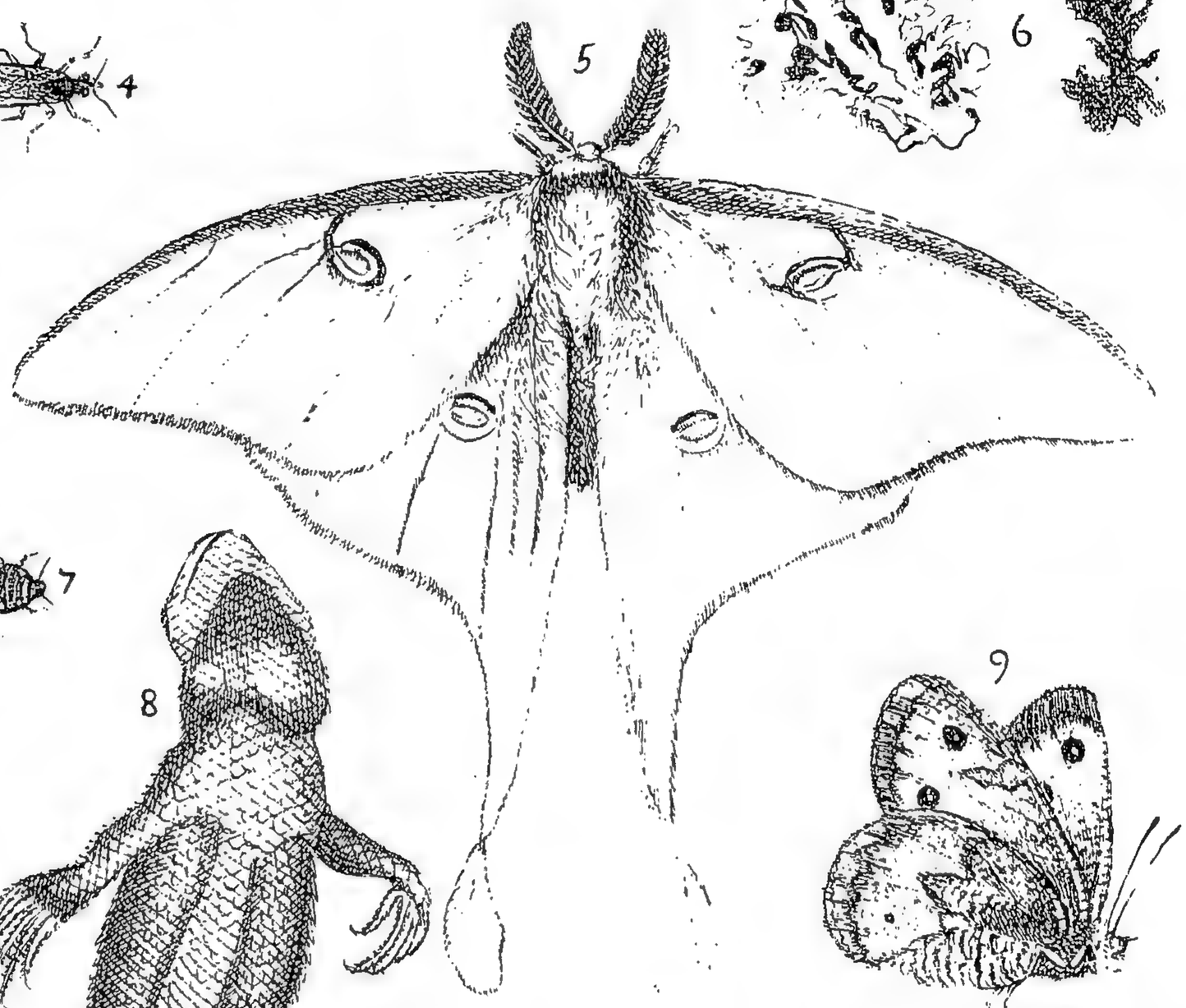
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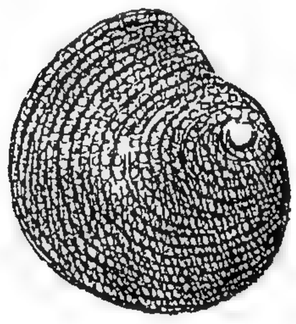


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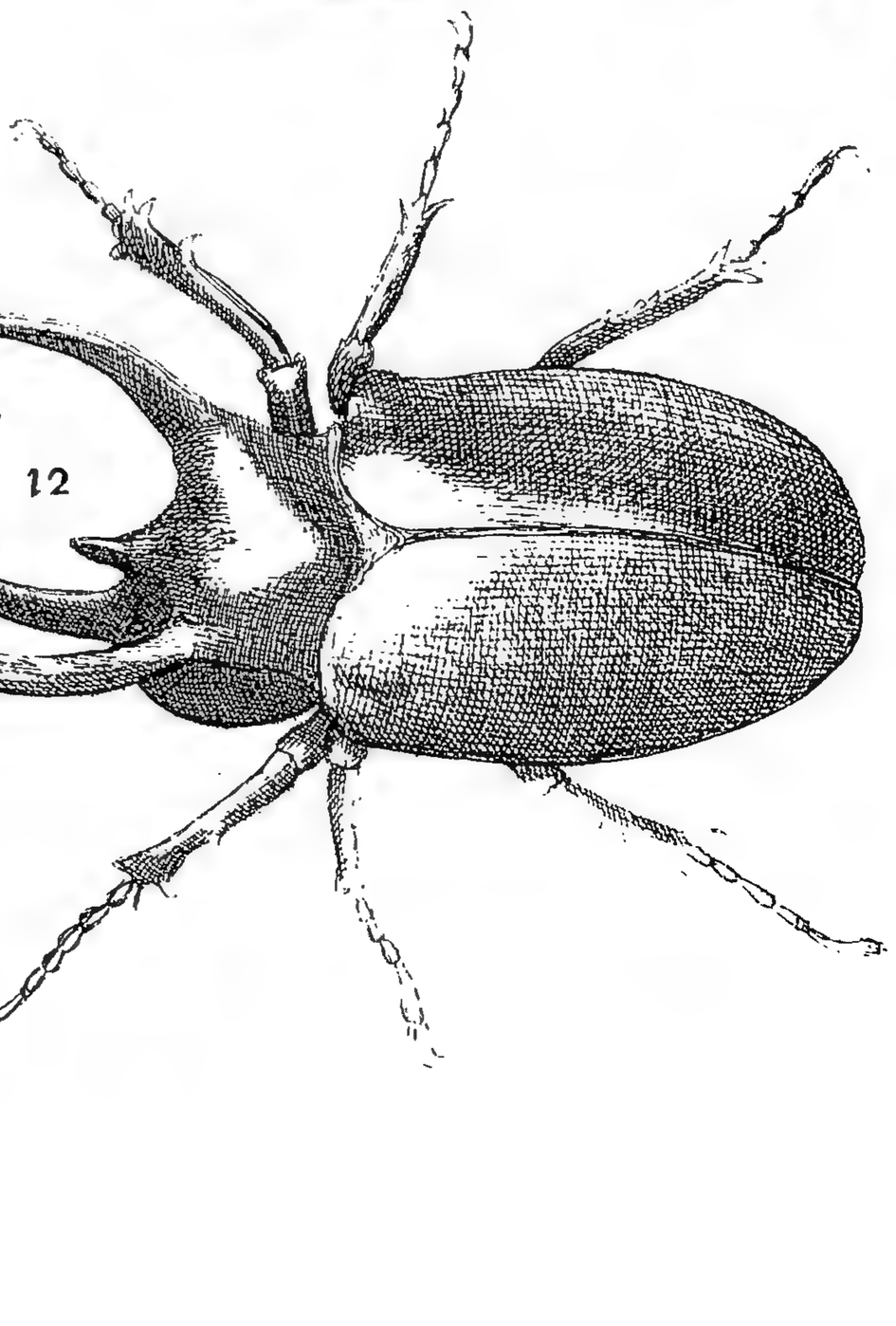


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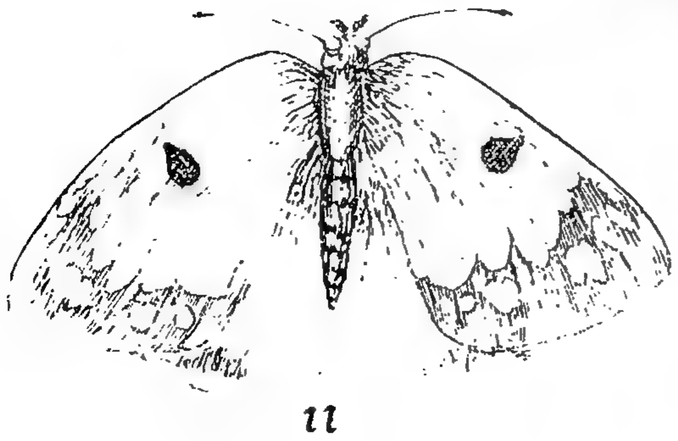
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TAB · XV ·

Fig · 1 ·

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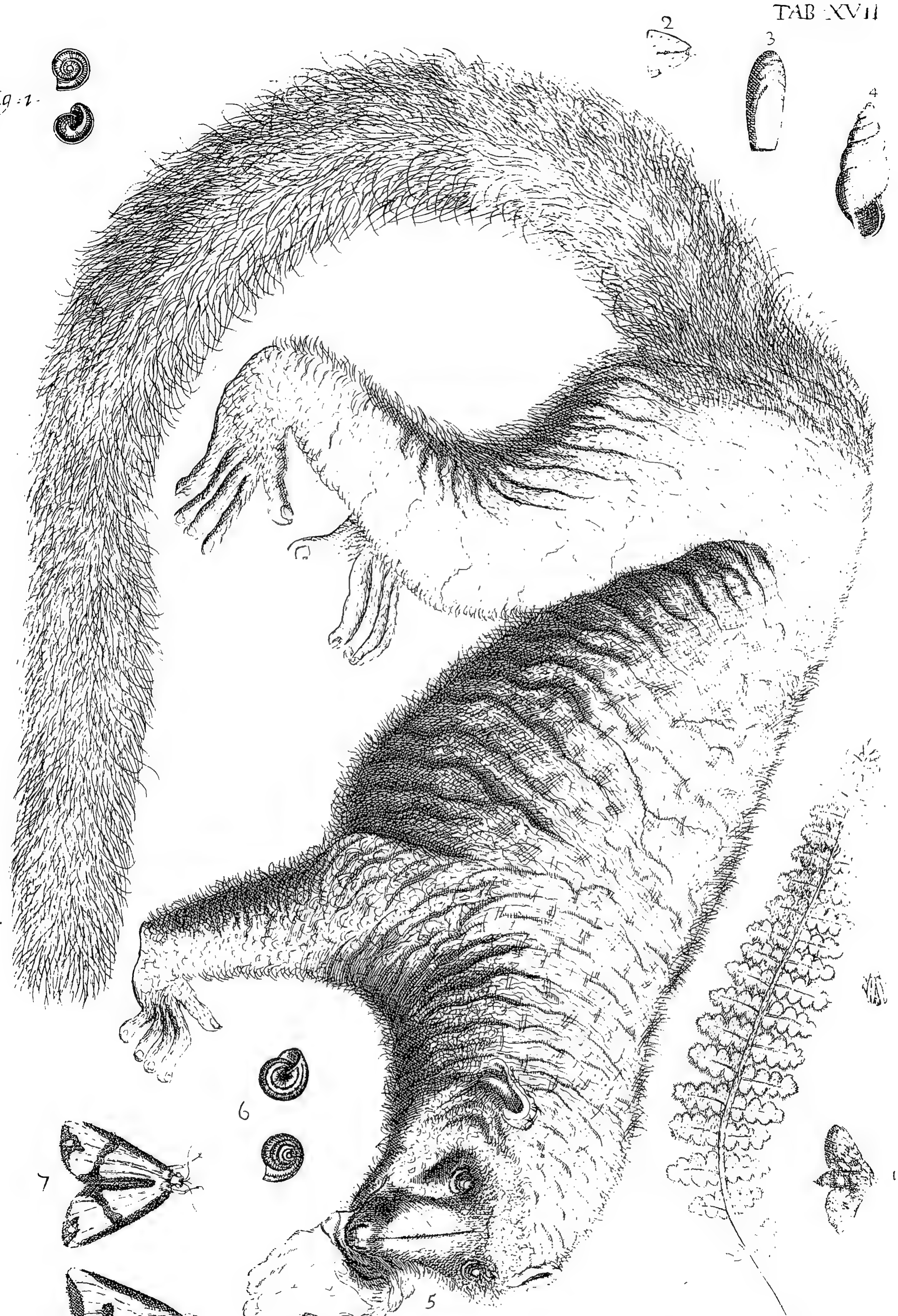
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TAB XVII

Fig. 1.



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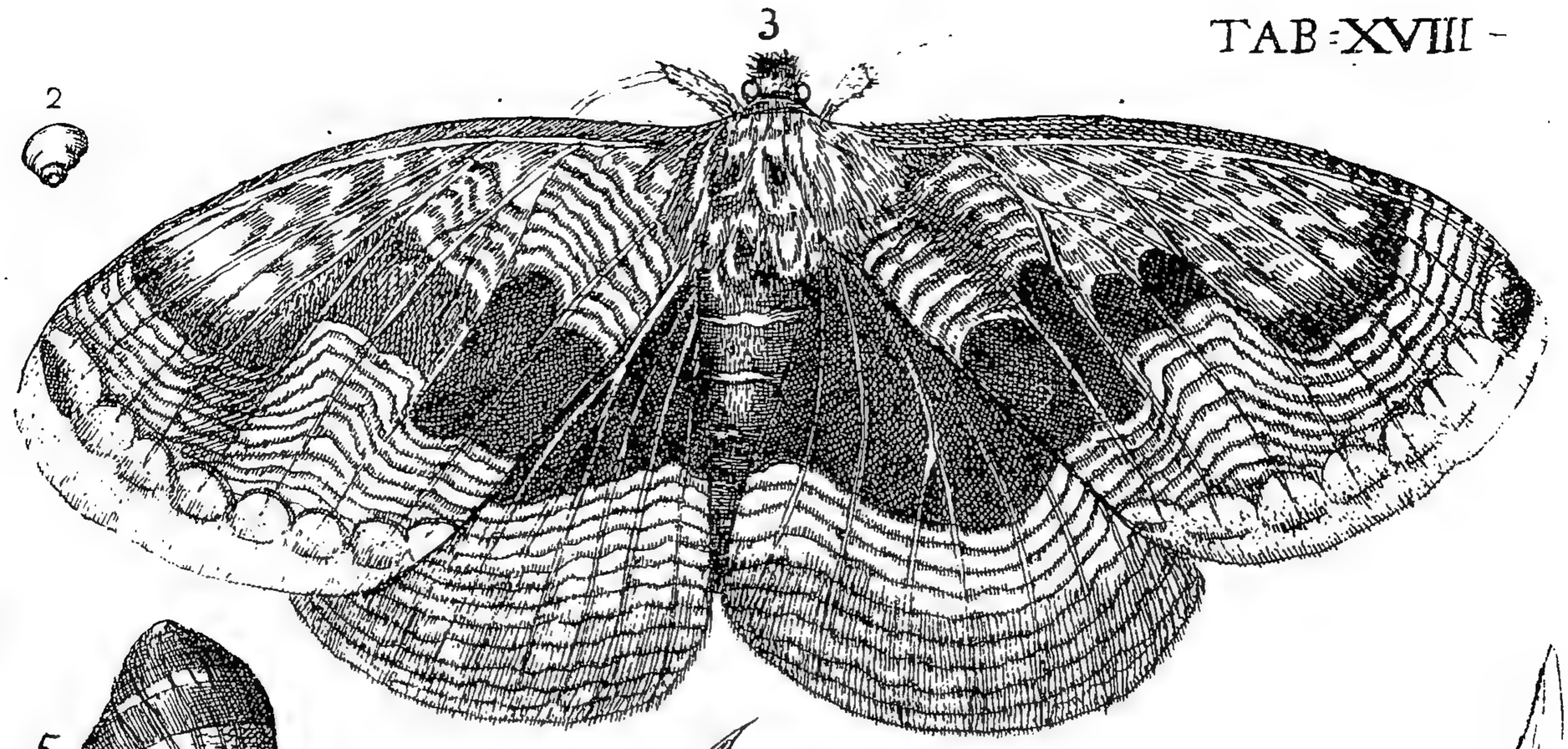
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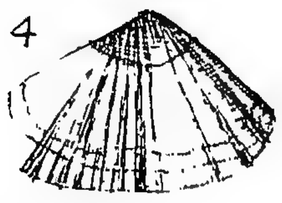


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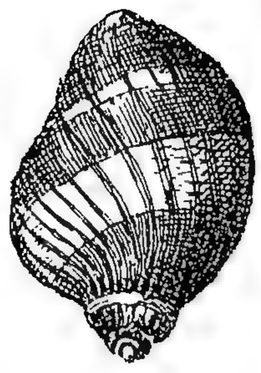
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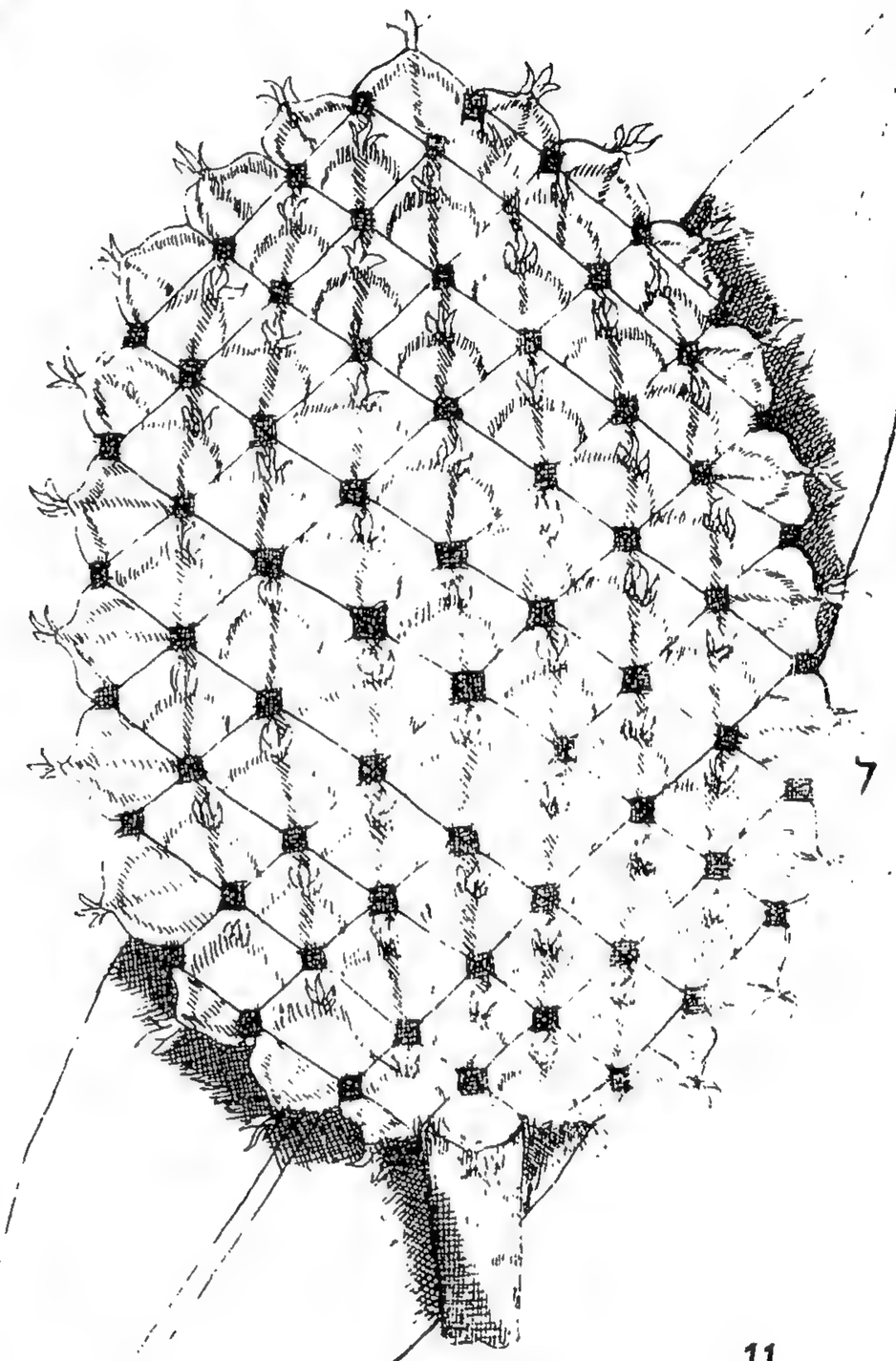
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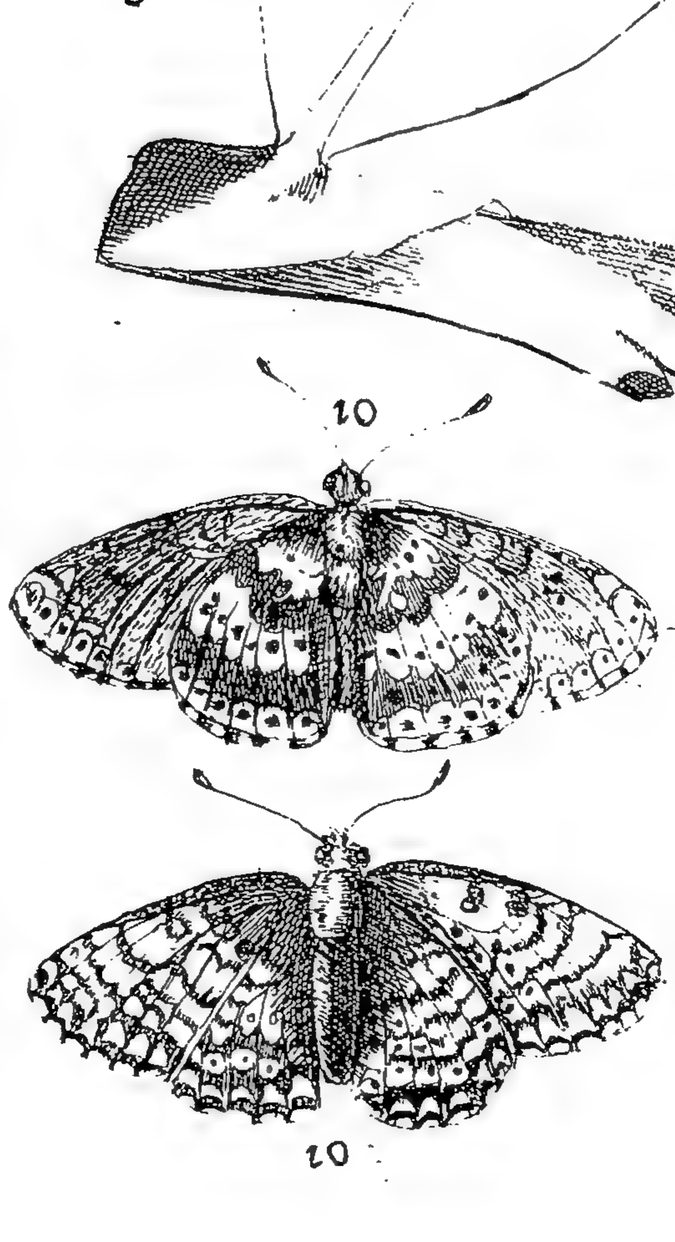
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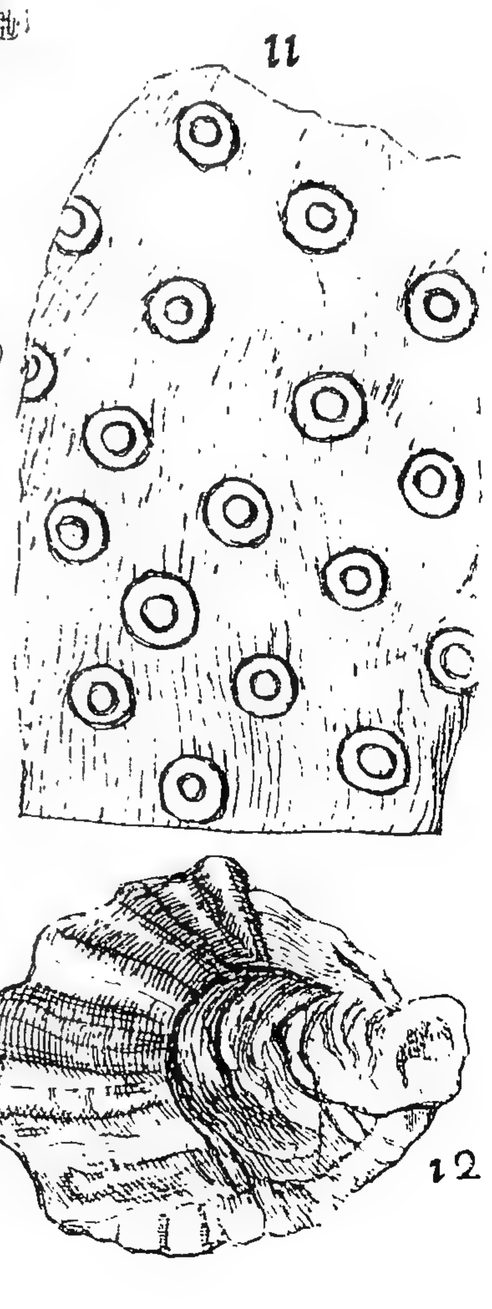
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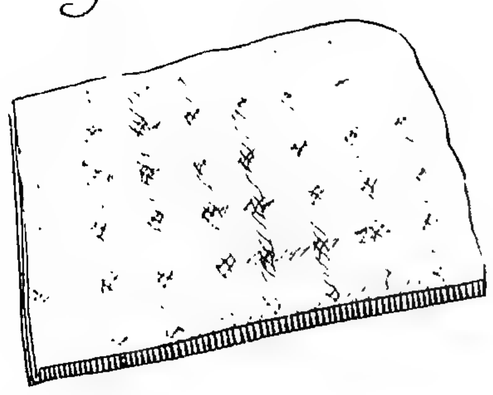
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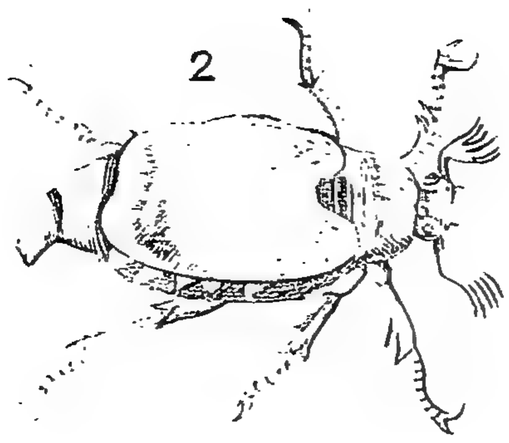


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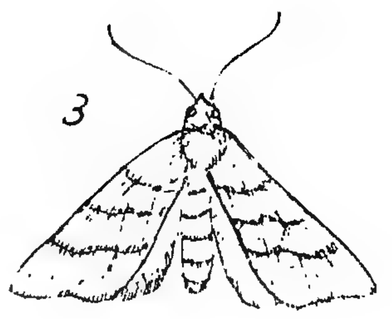
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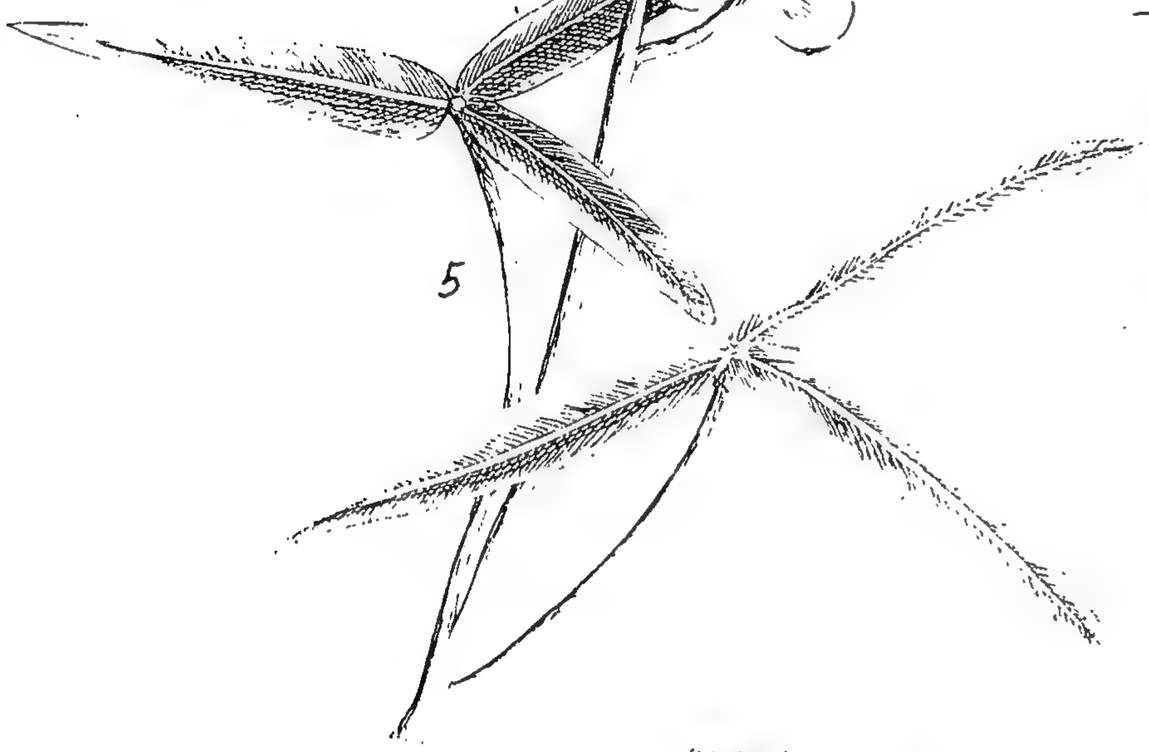




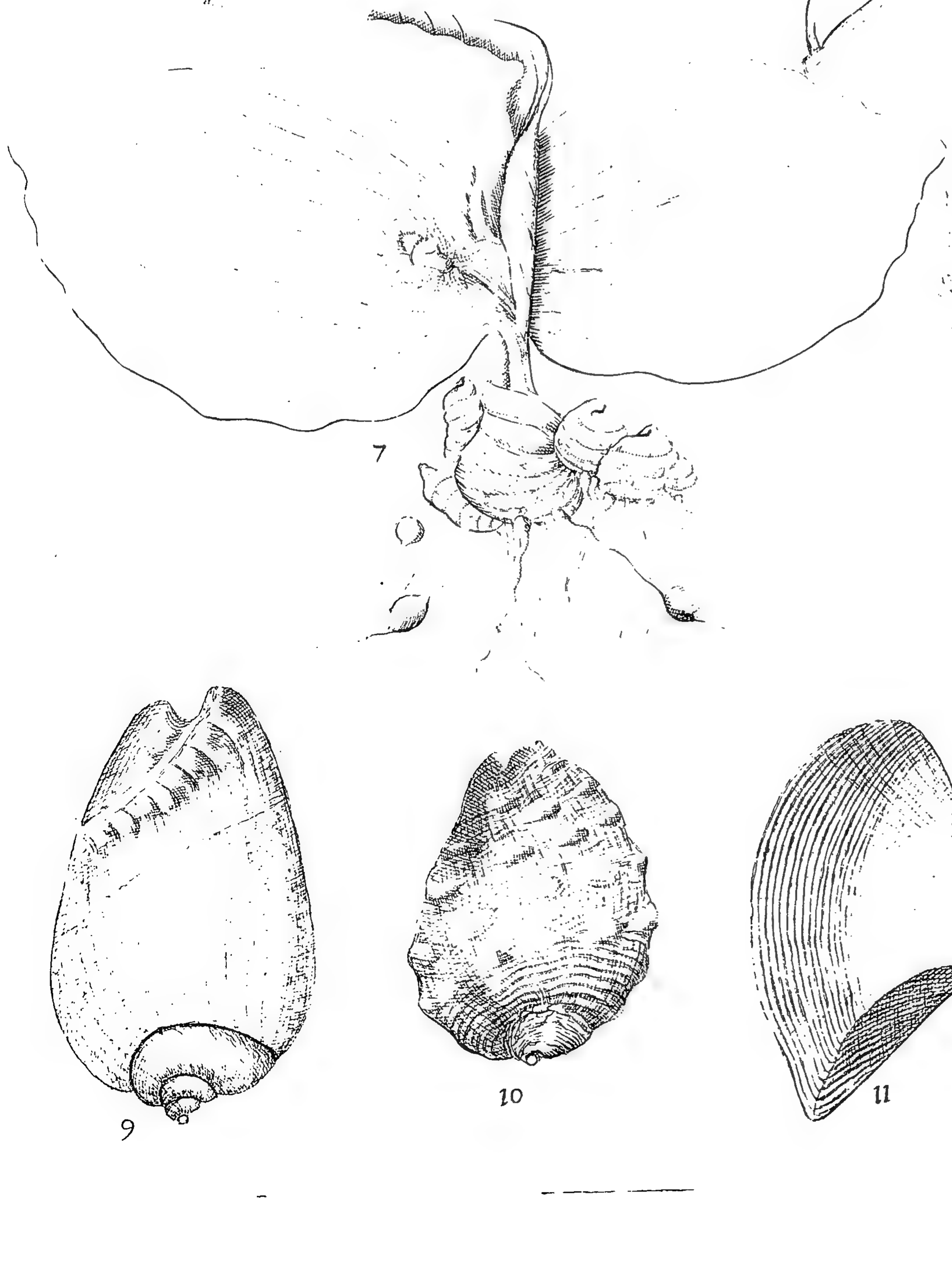






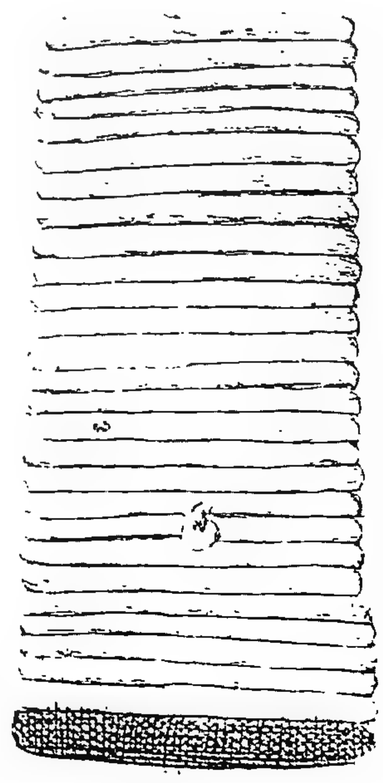








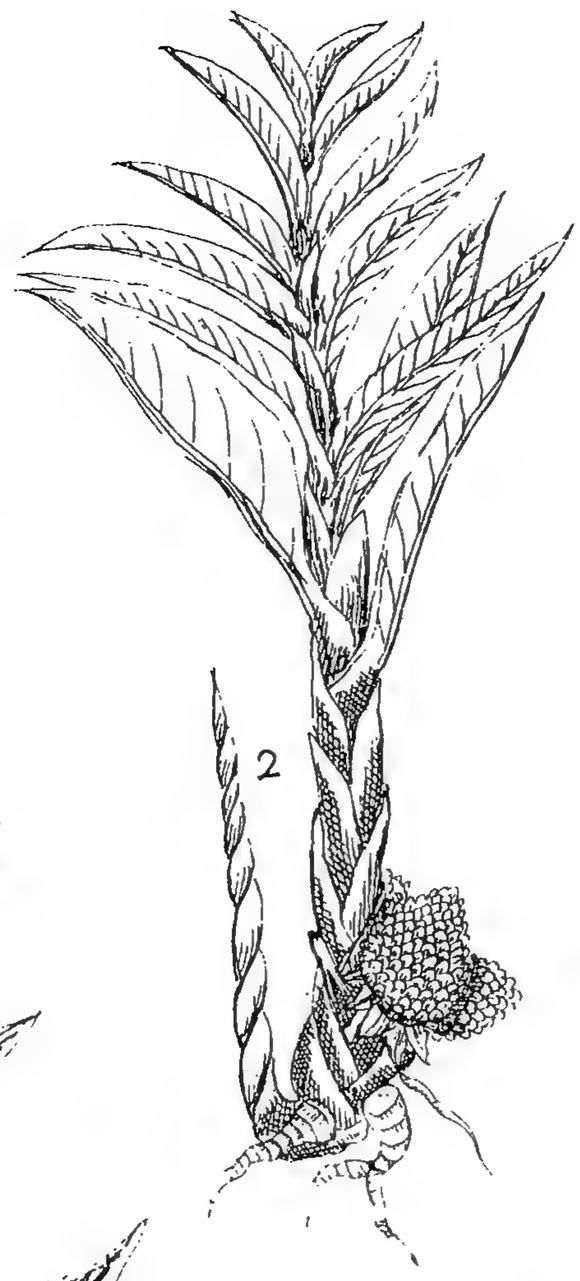




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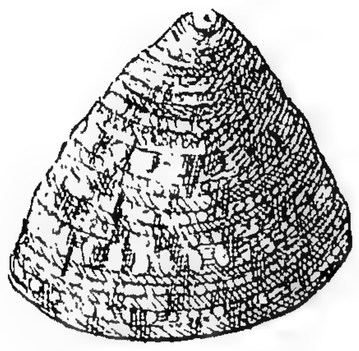
fig. 1.



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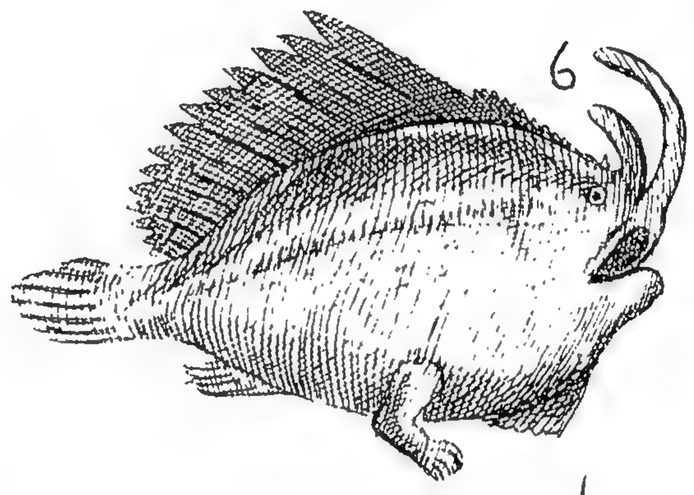
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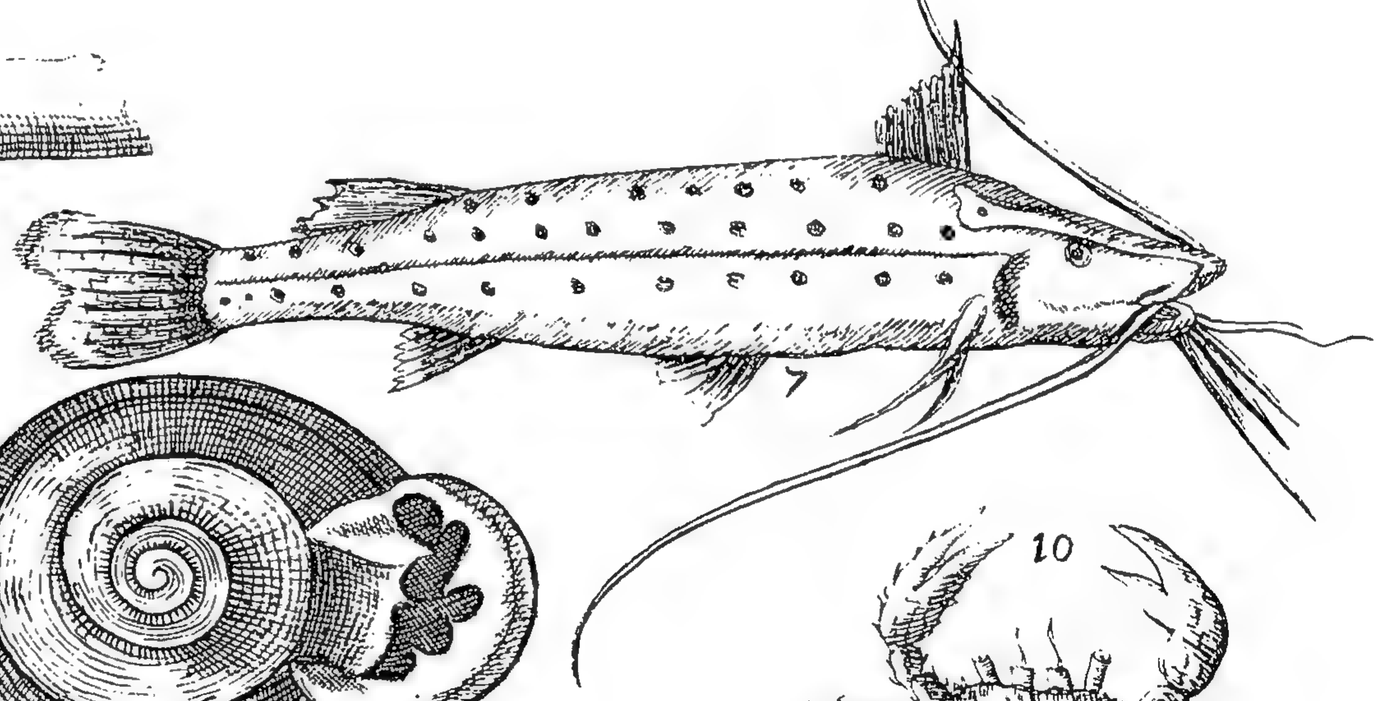
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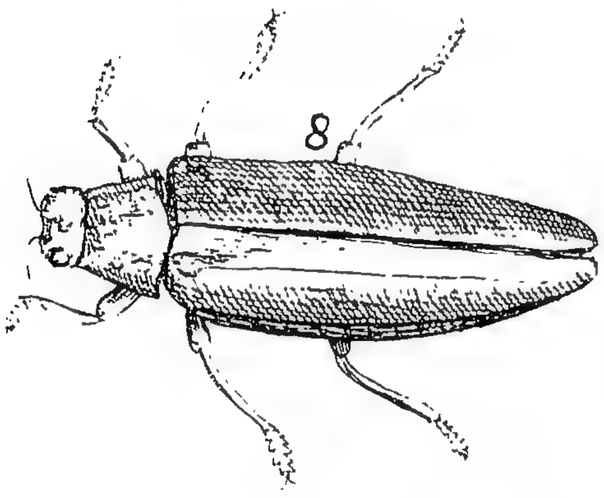
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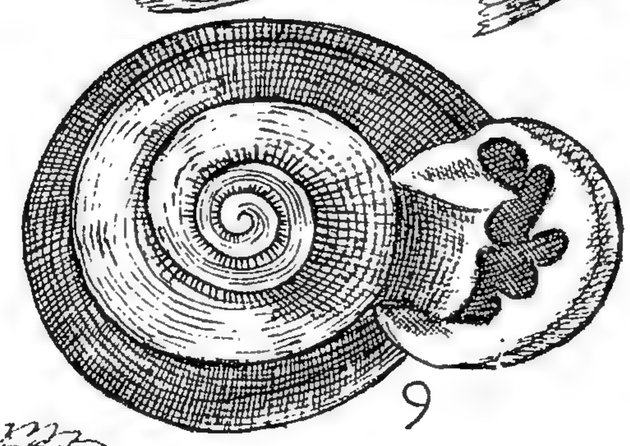
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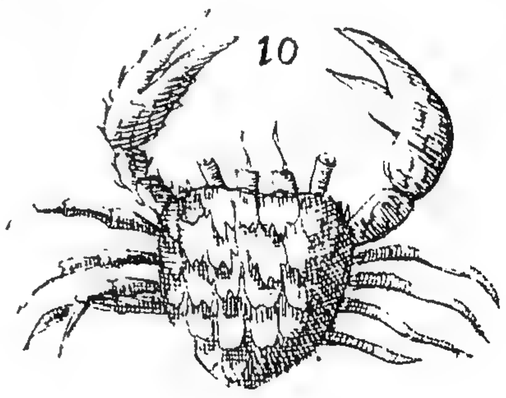
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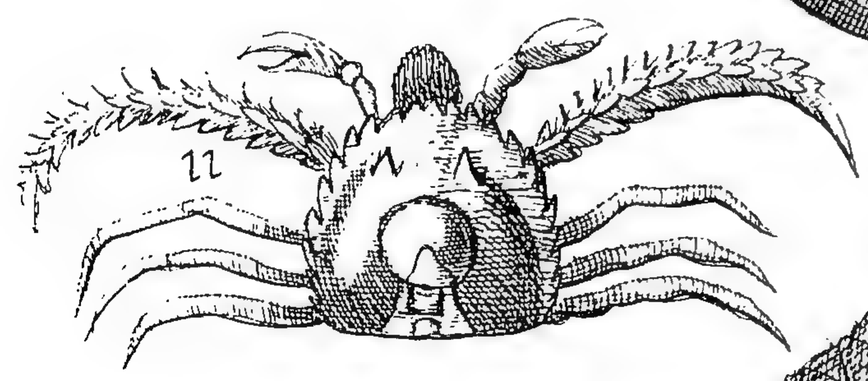
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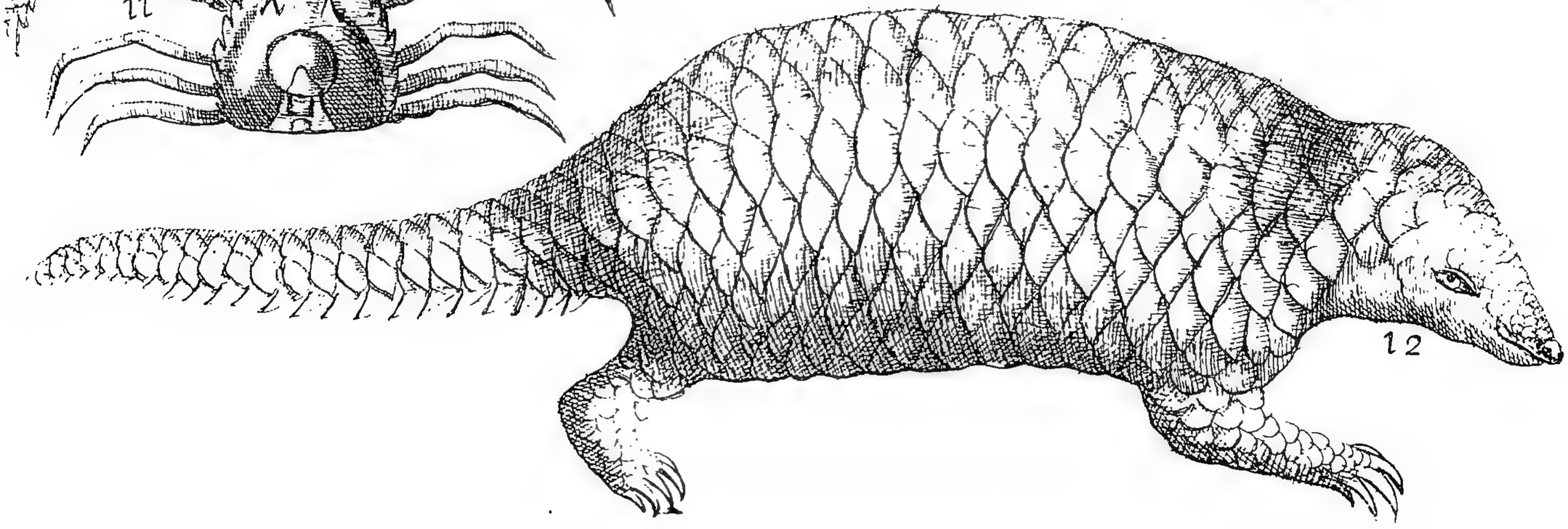
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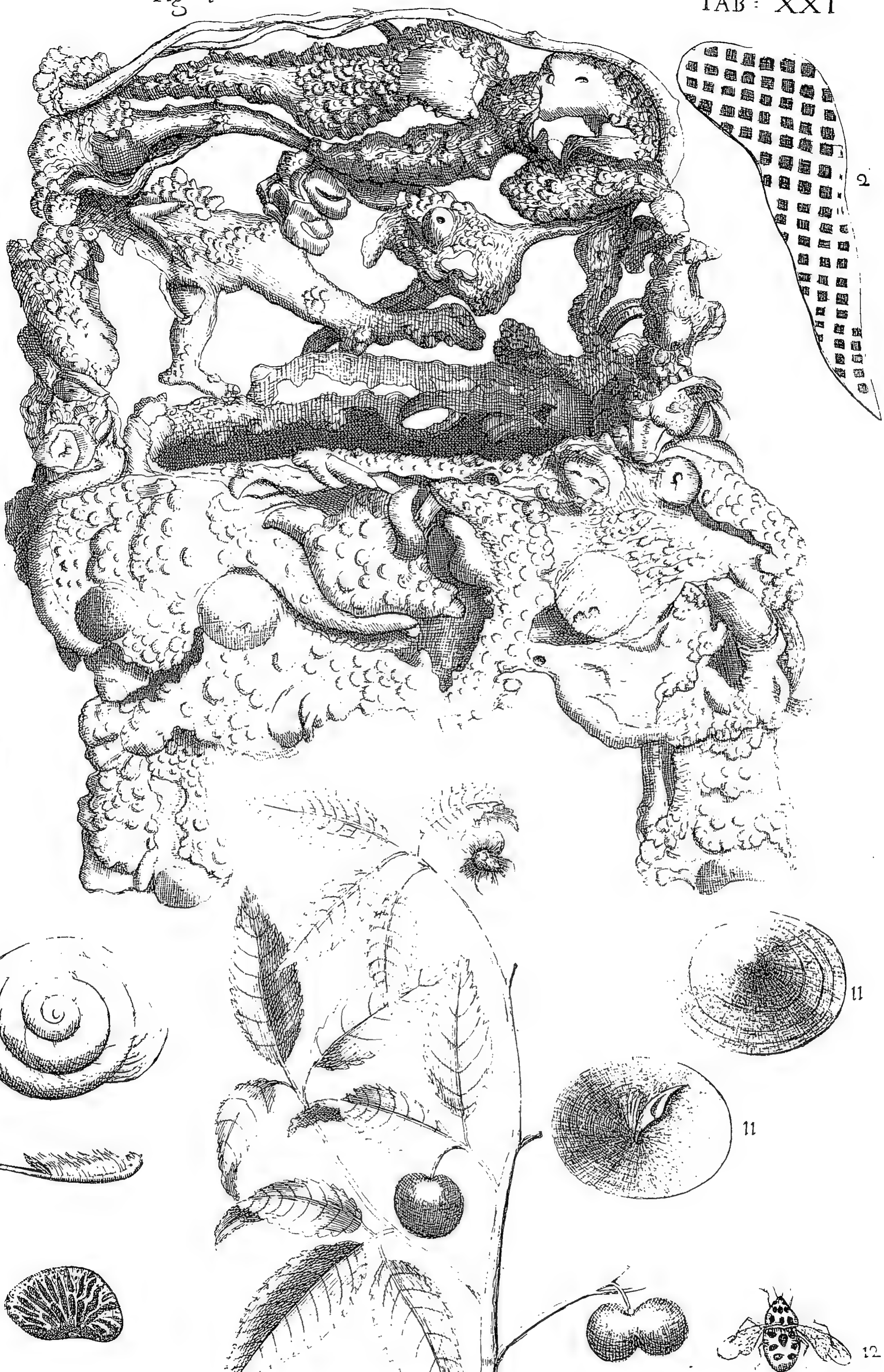
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Fig : 1 .

TAB : XXI



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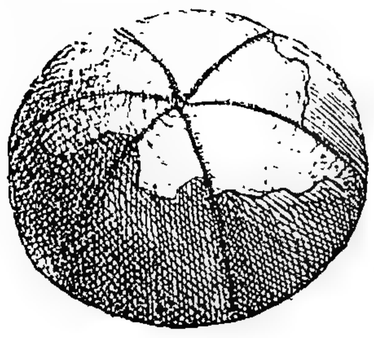
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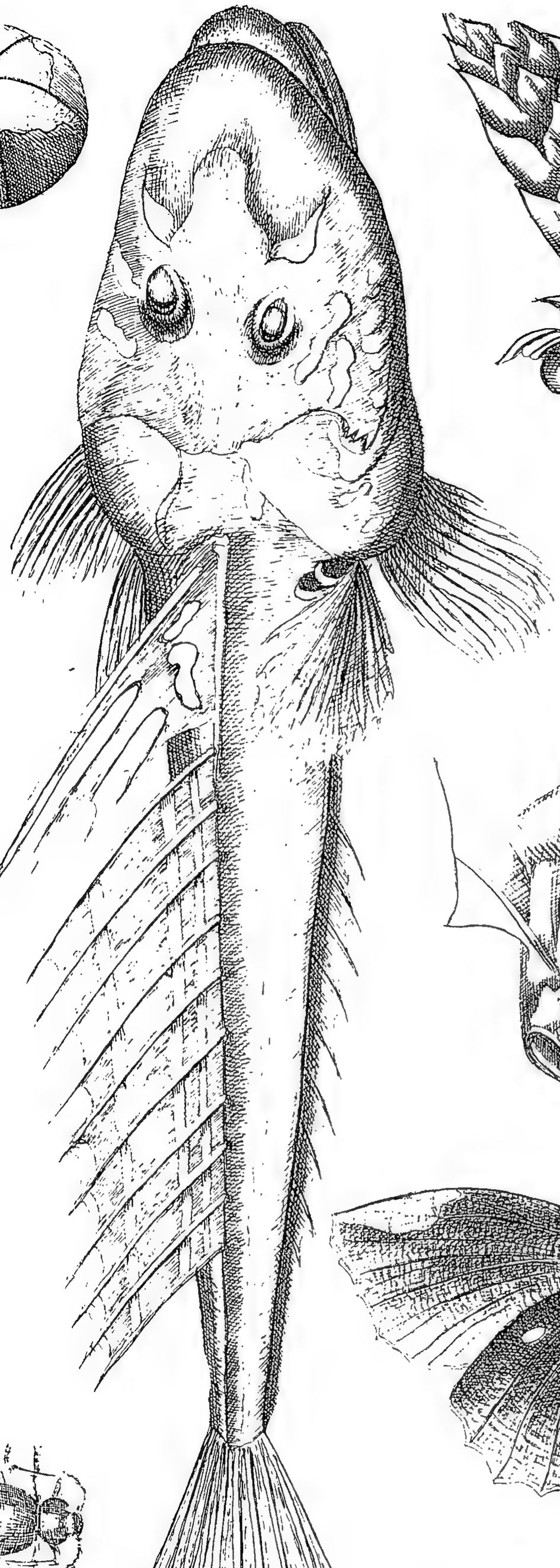
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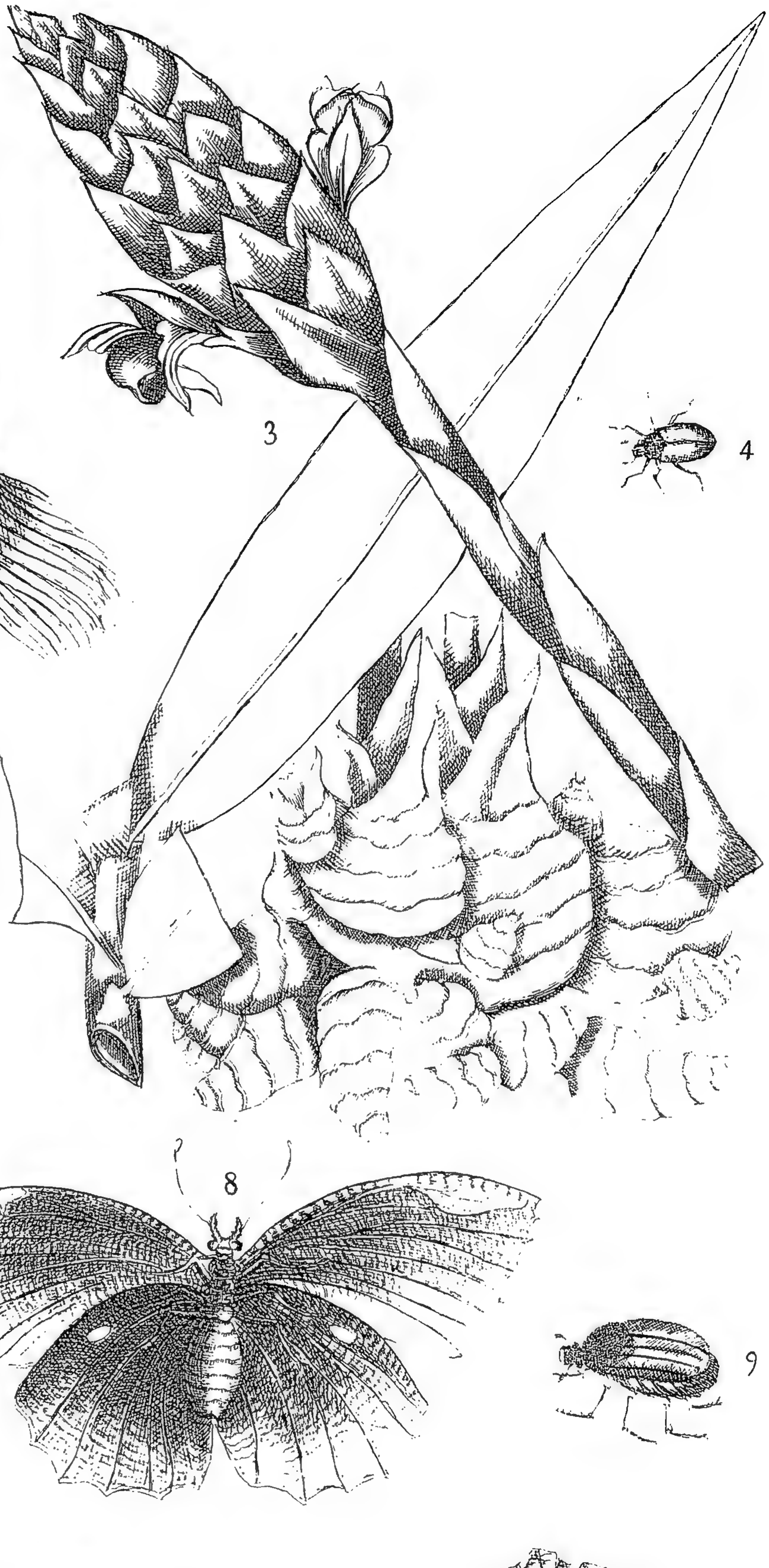
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Fig: 1.



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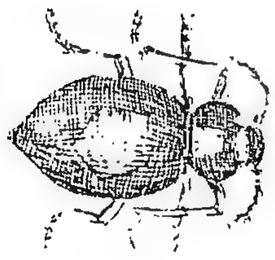
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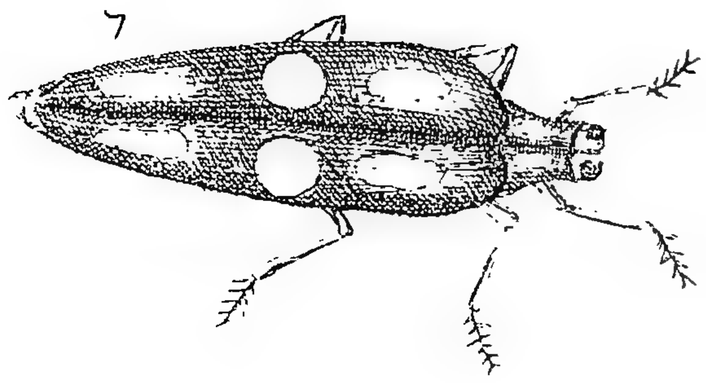


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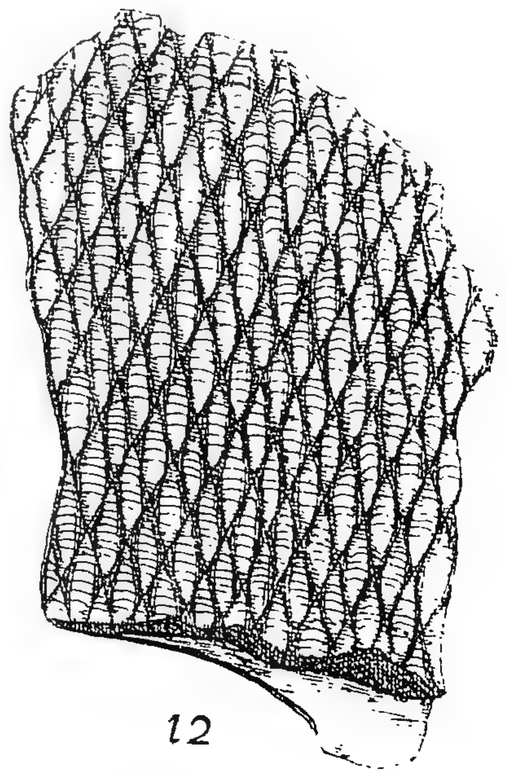
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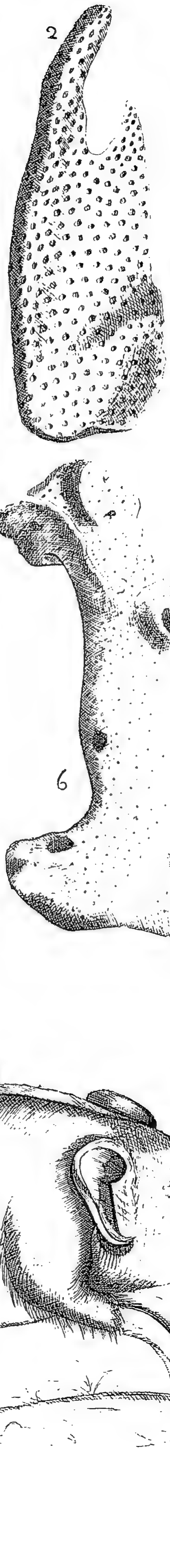


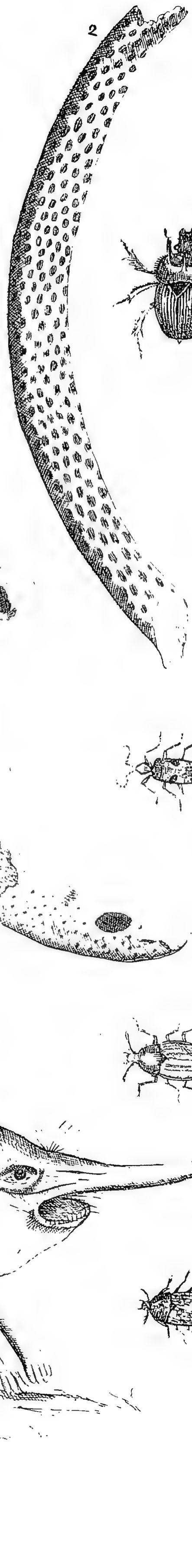
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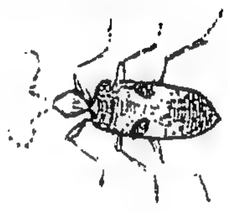
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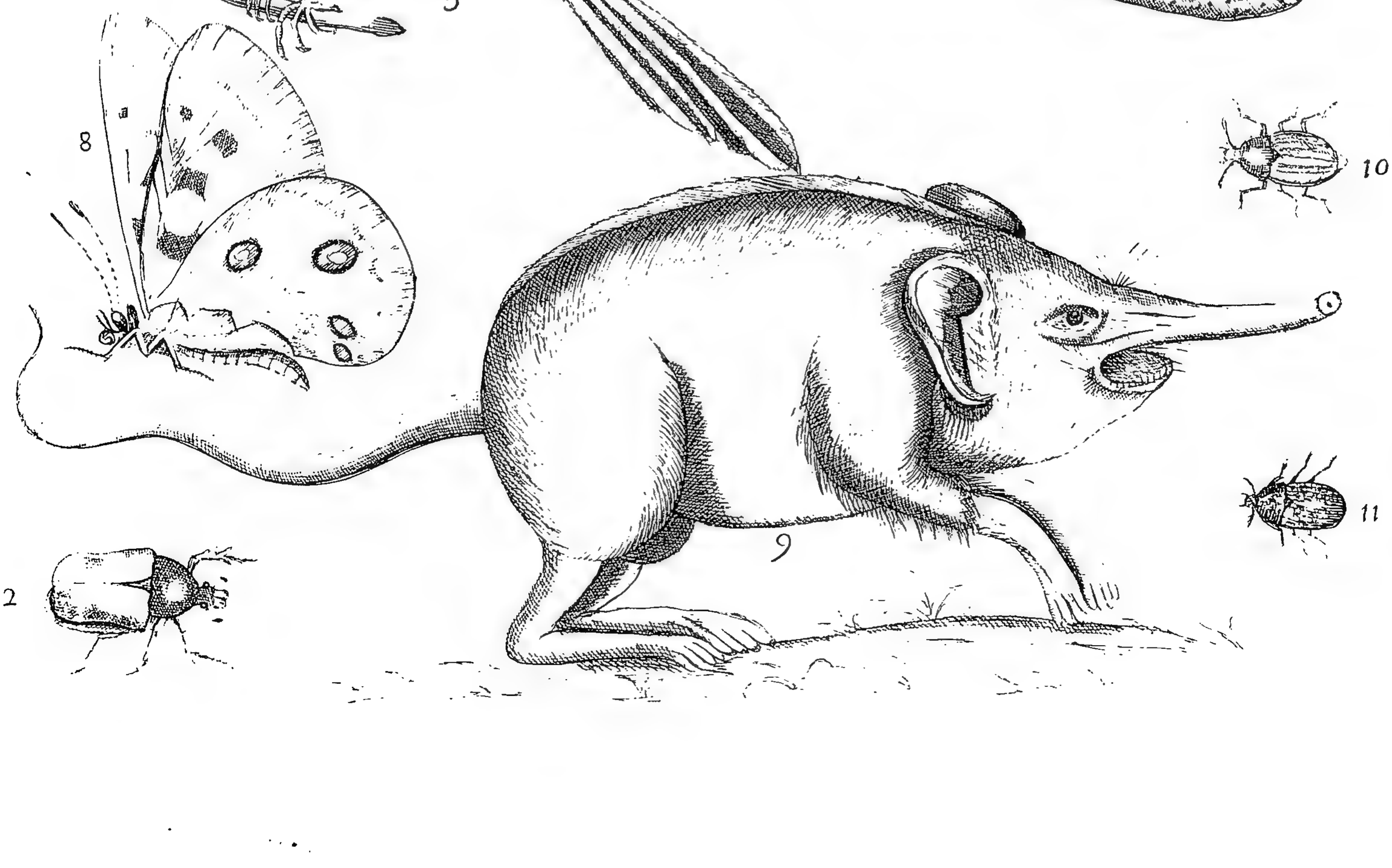








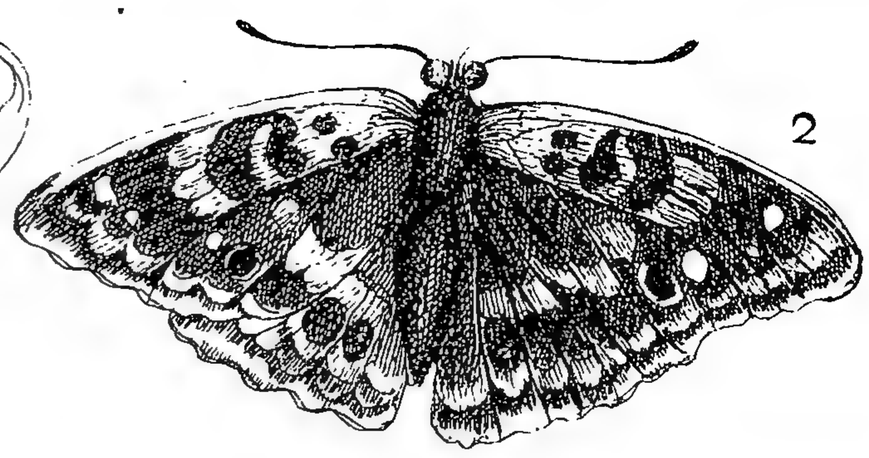




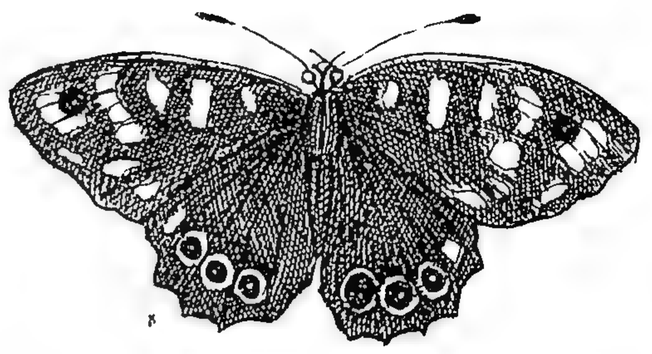
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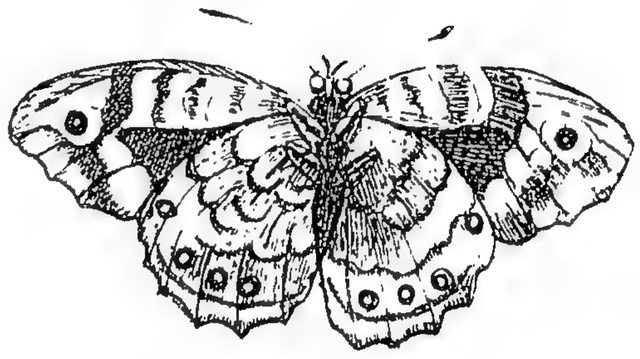




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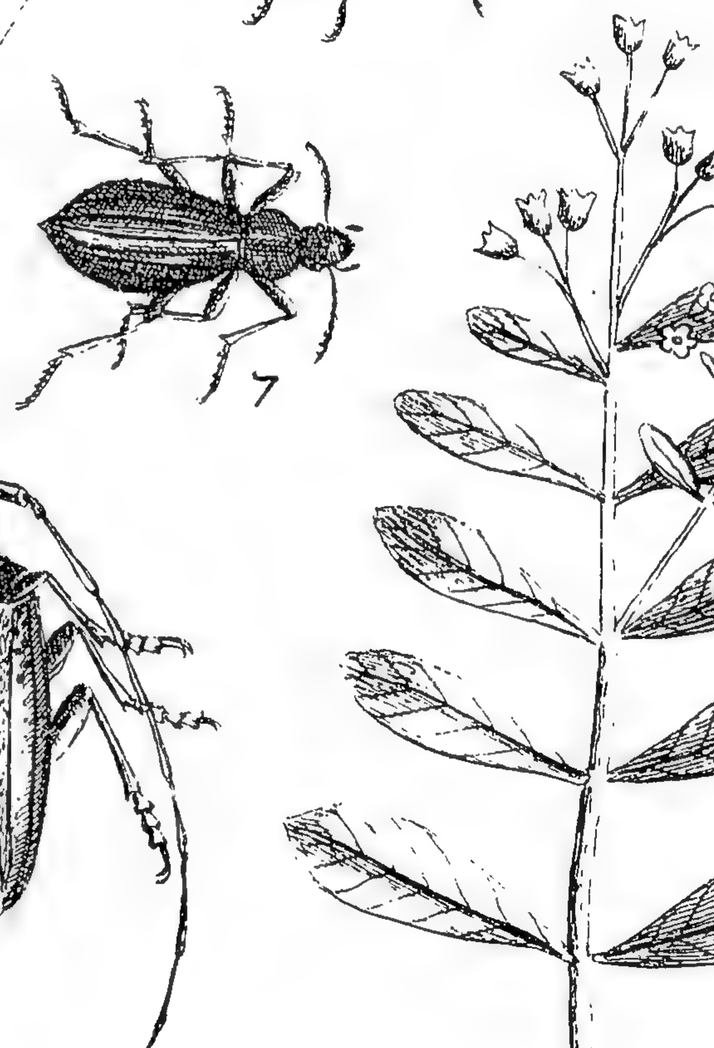
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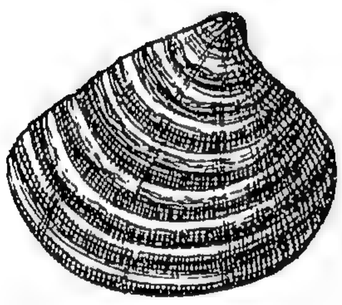
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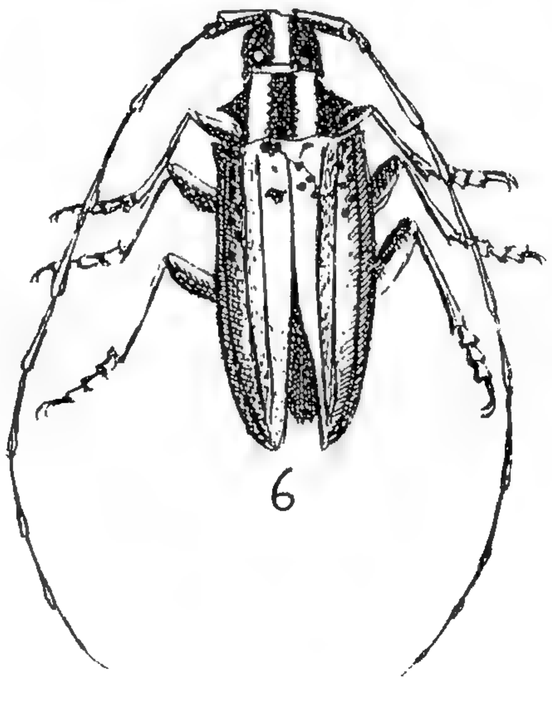
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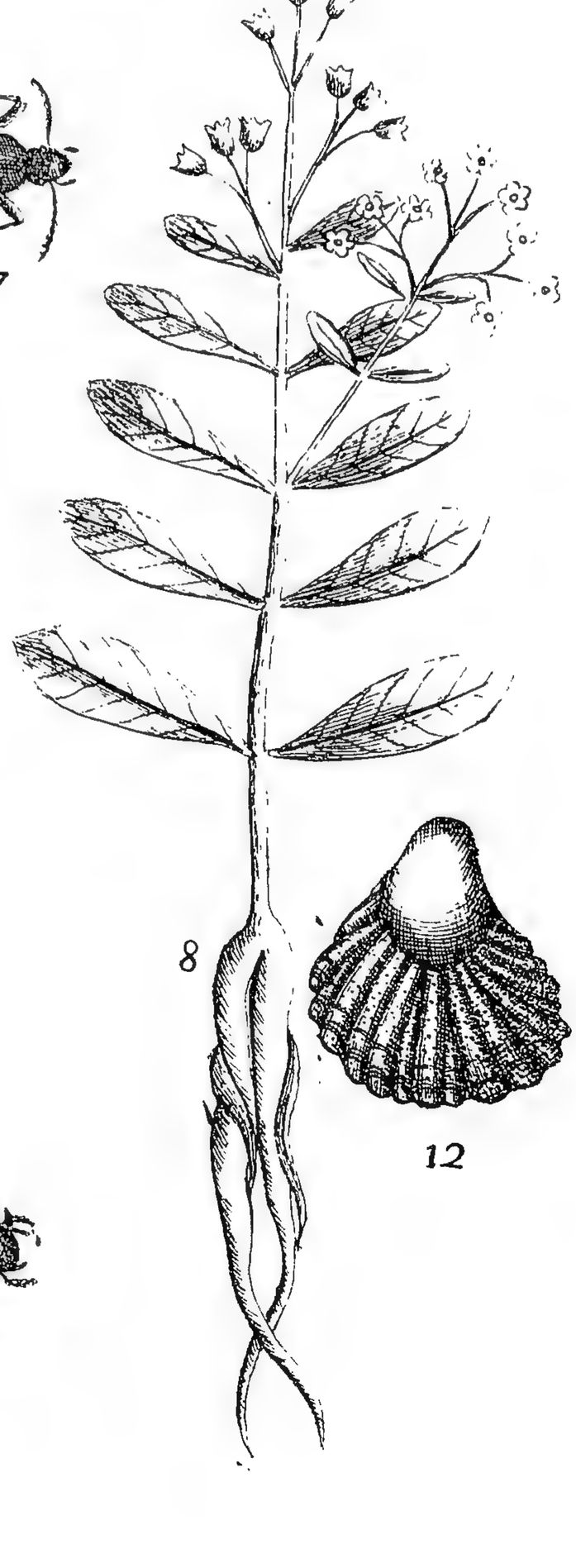
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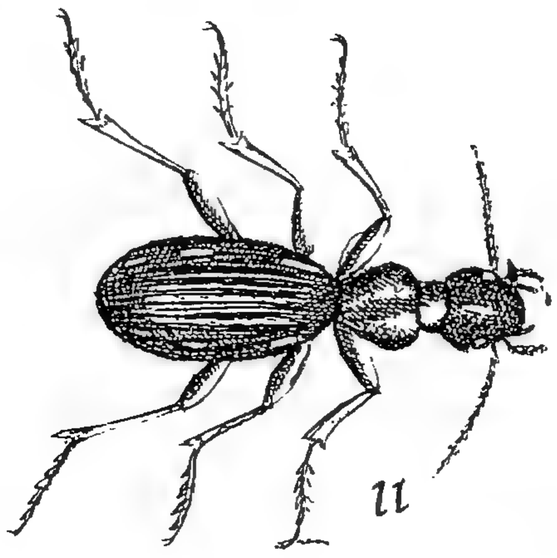
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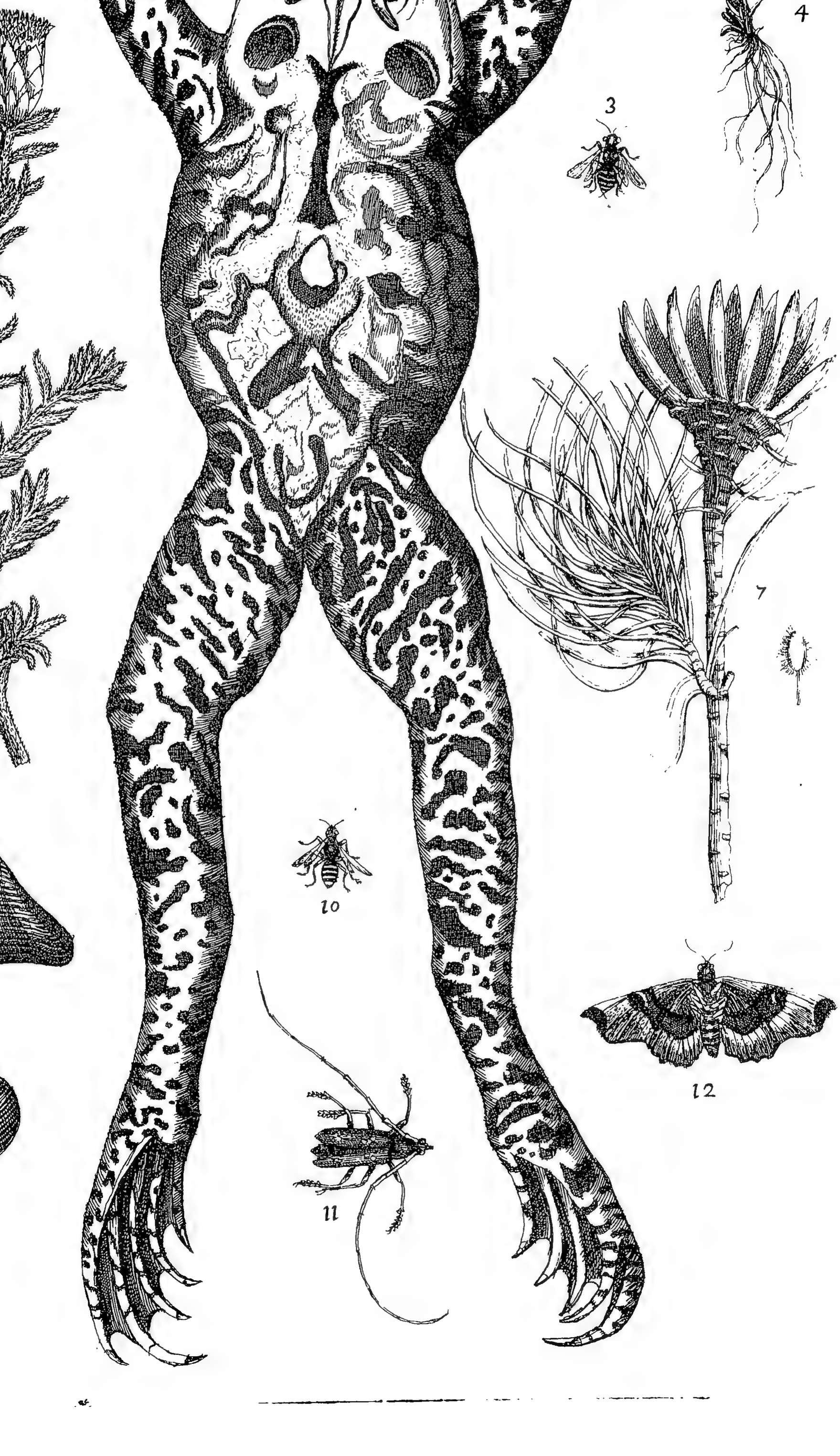
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Fig : 1





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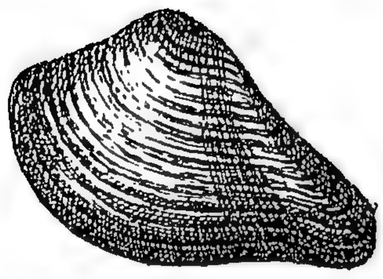


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TAB: XXVI.

Fig: 1.

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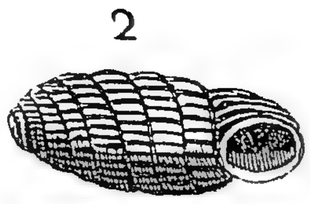
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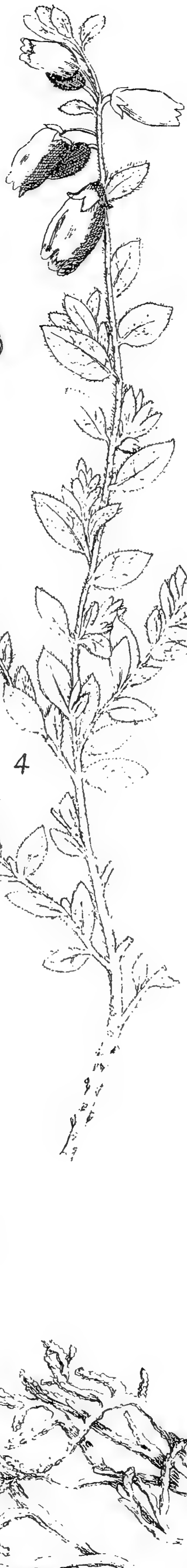
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Fig: 1.





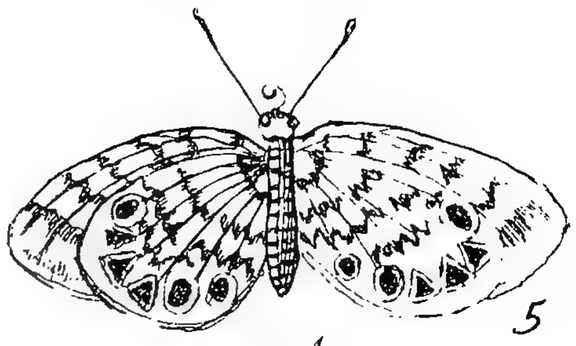
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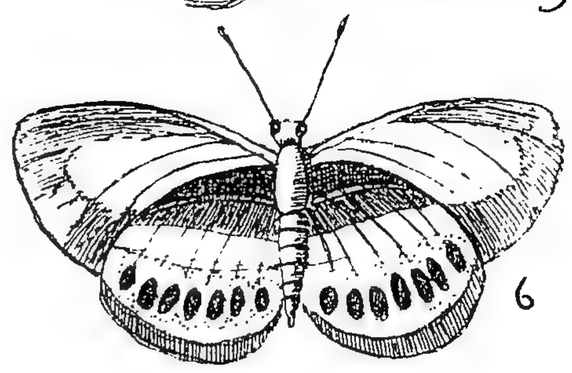


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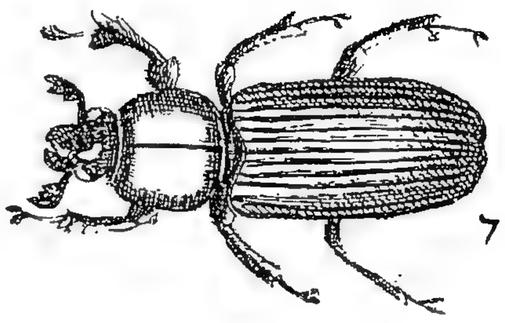
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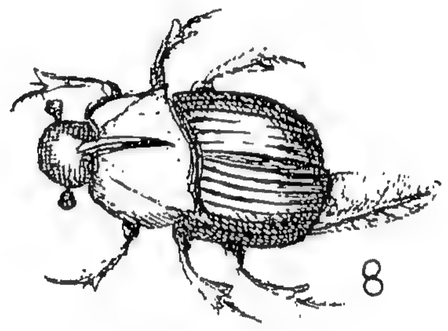
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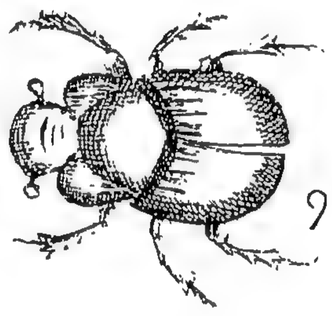
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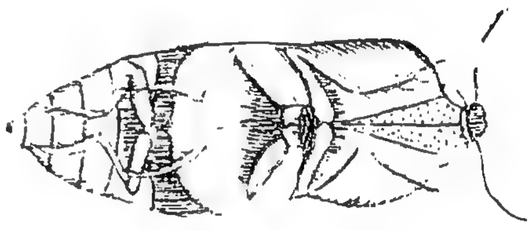
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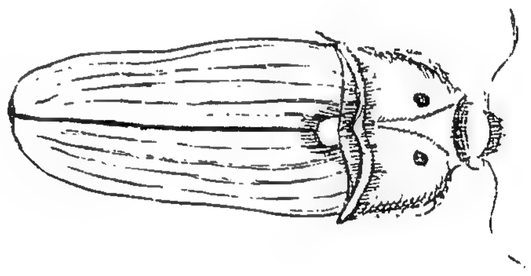
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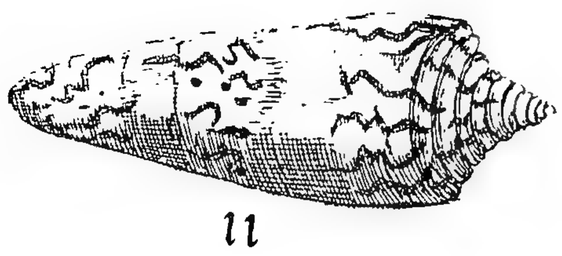
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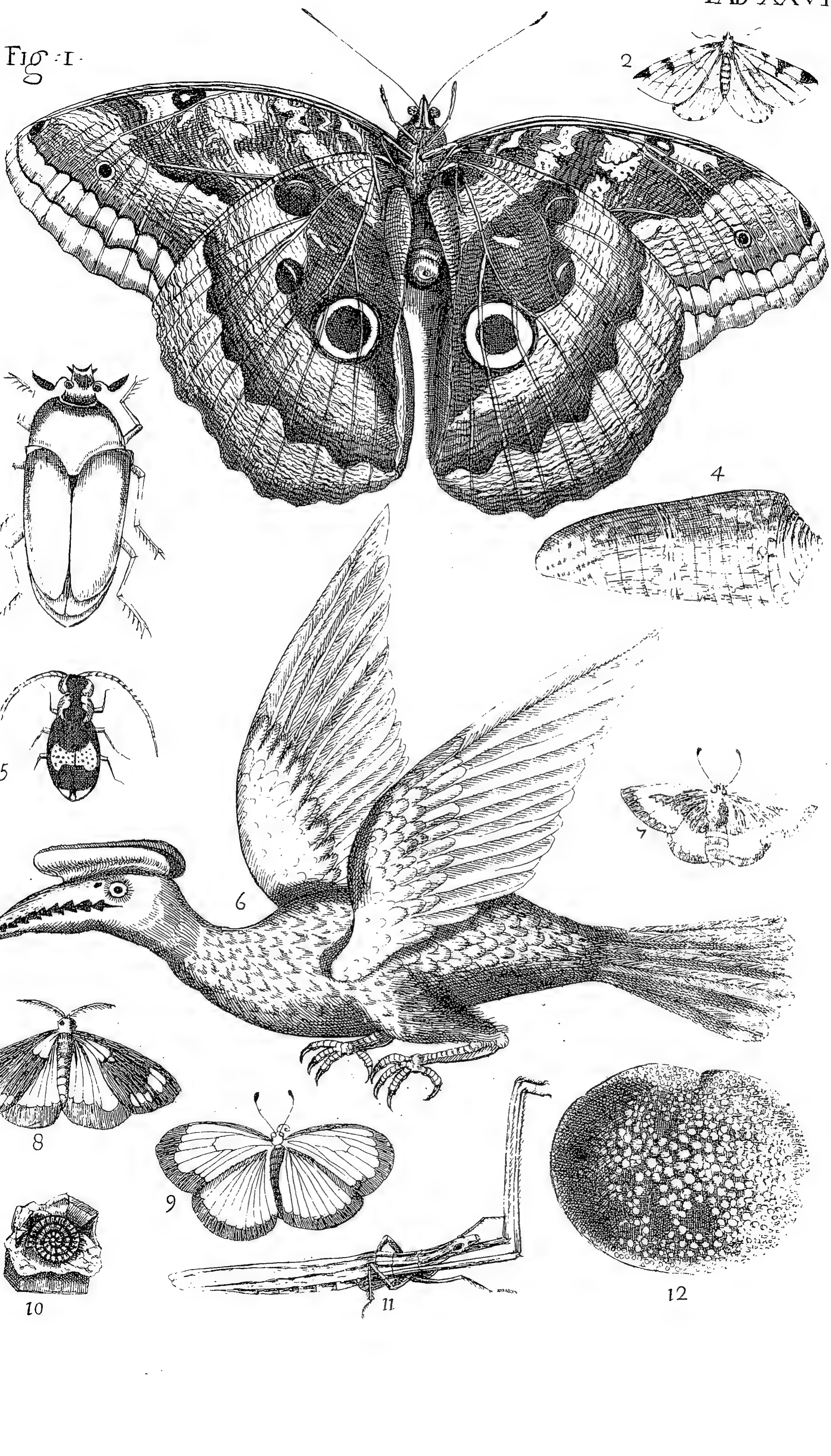
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TAB: XXVIII

Fig: 1.



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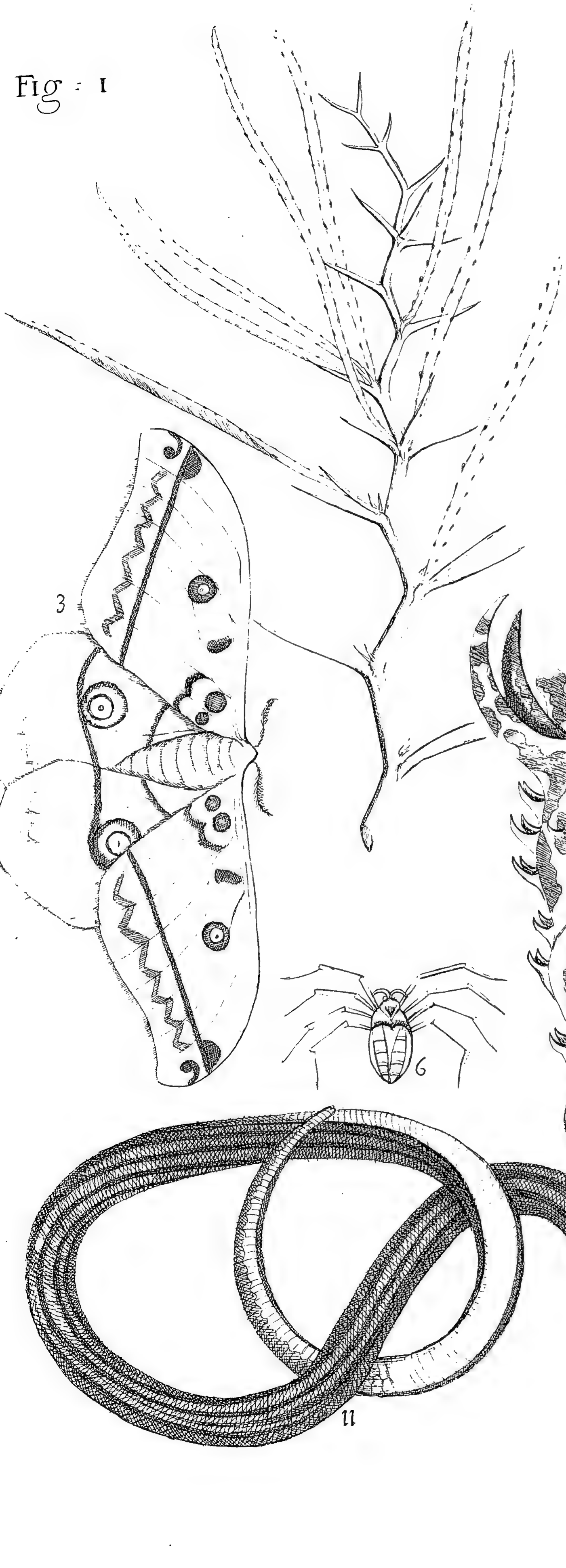
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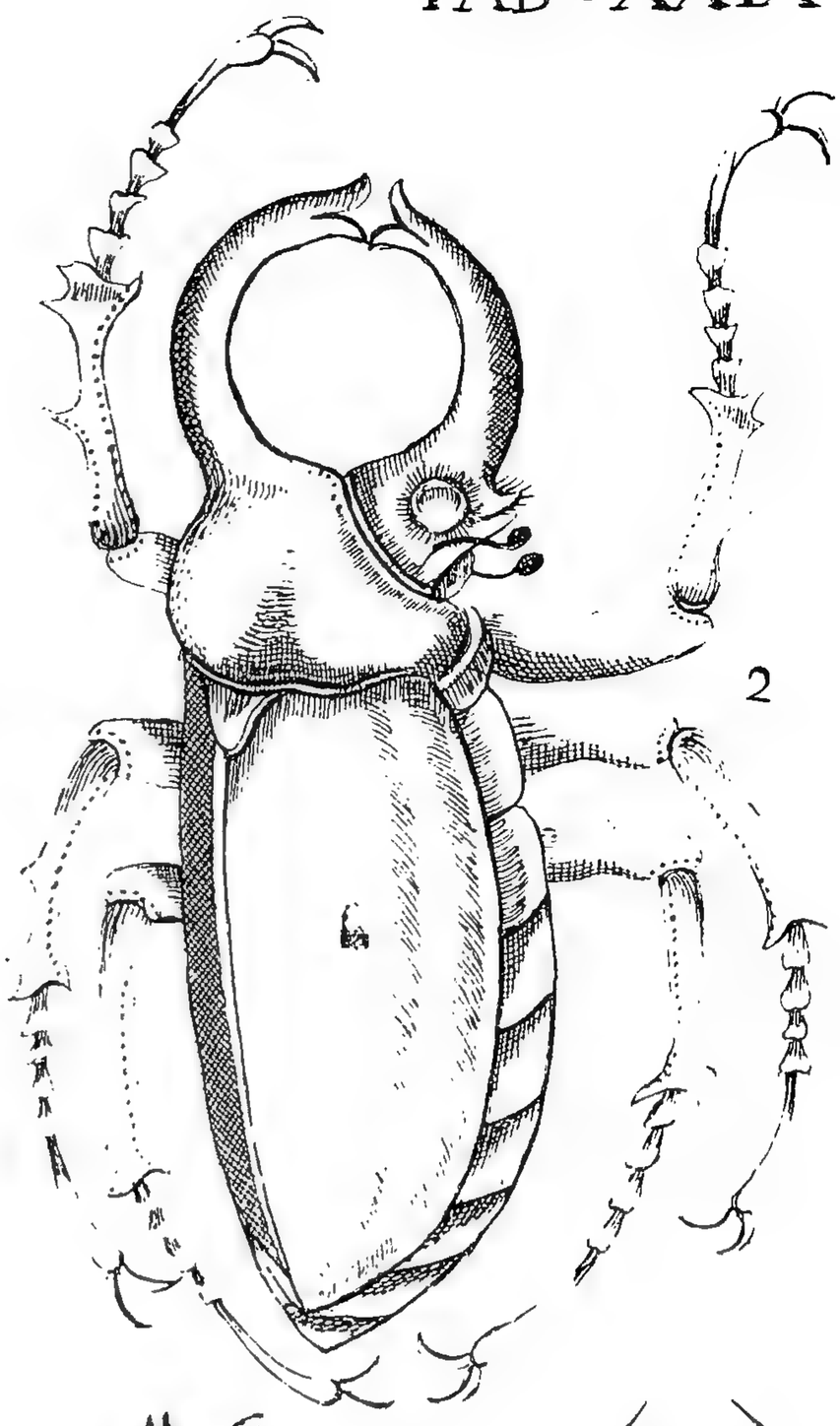
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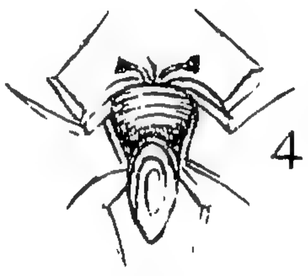


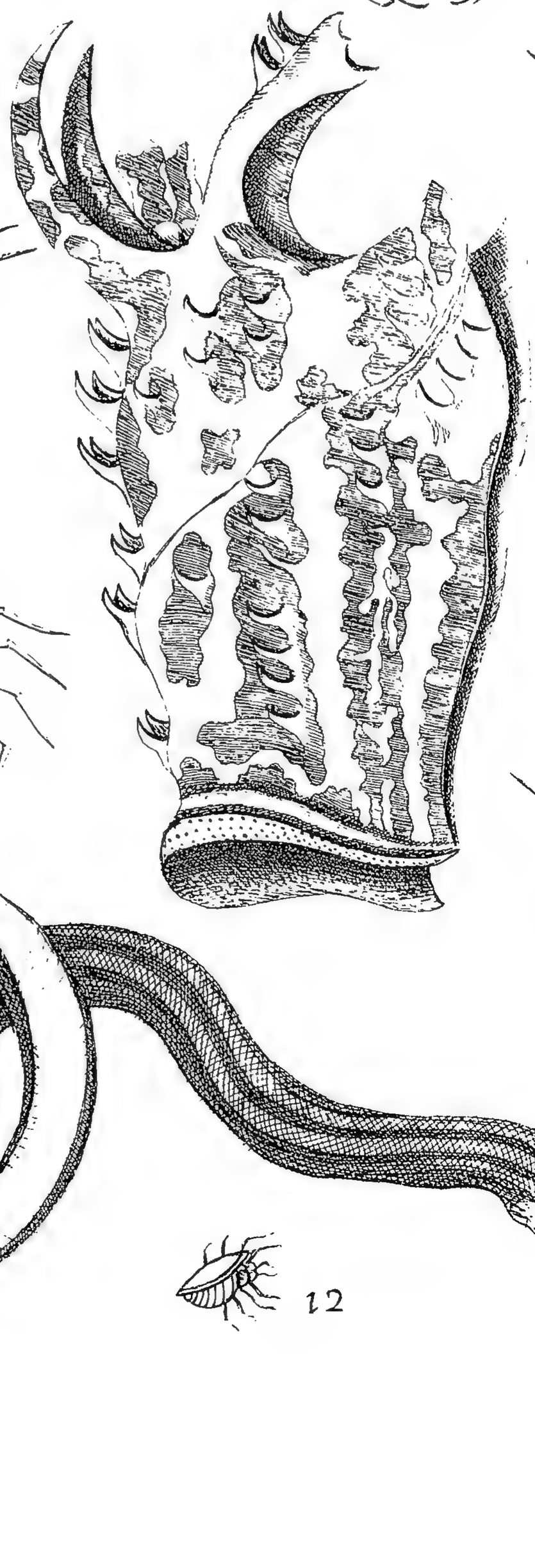
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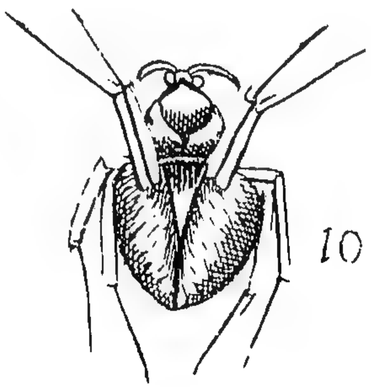
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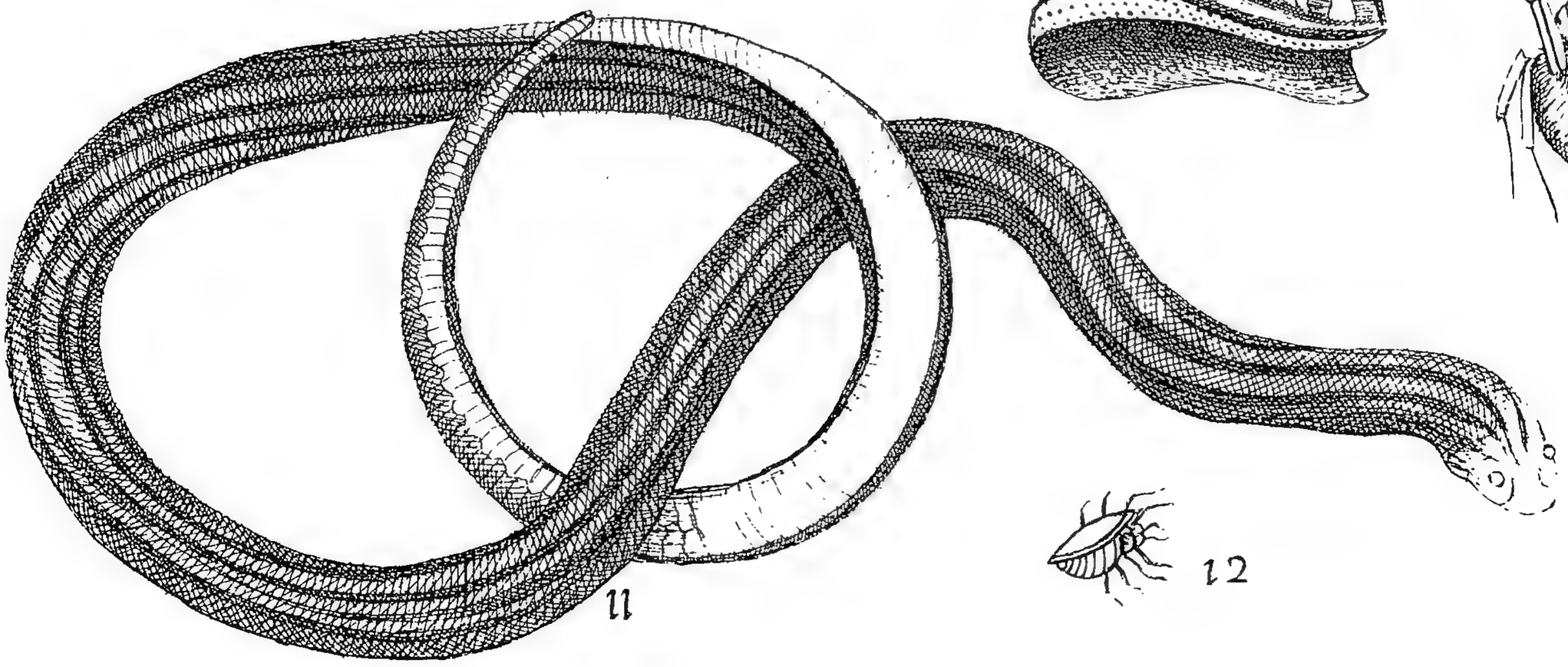
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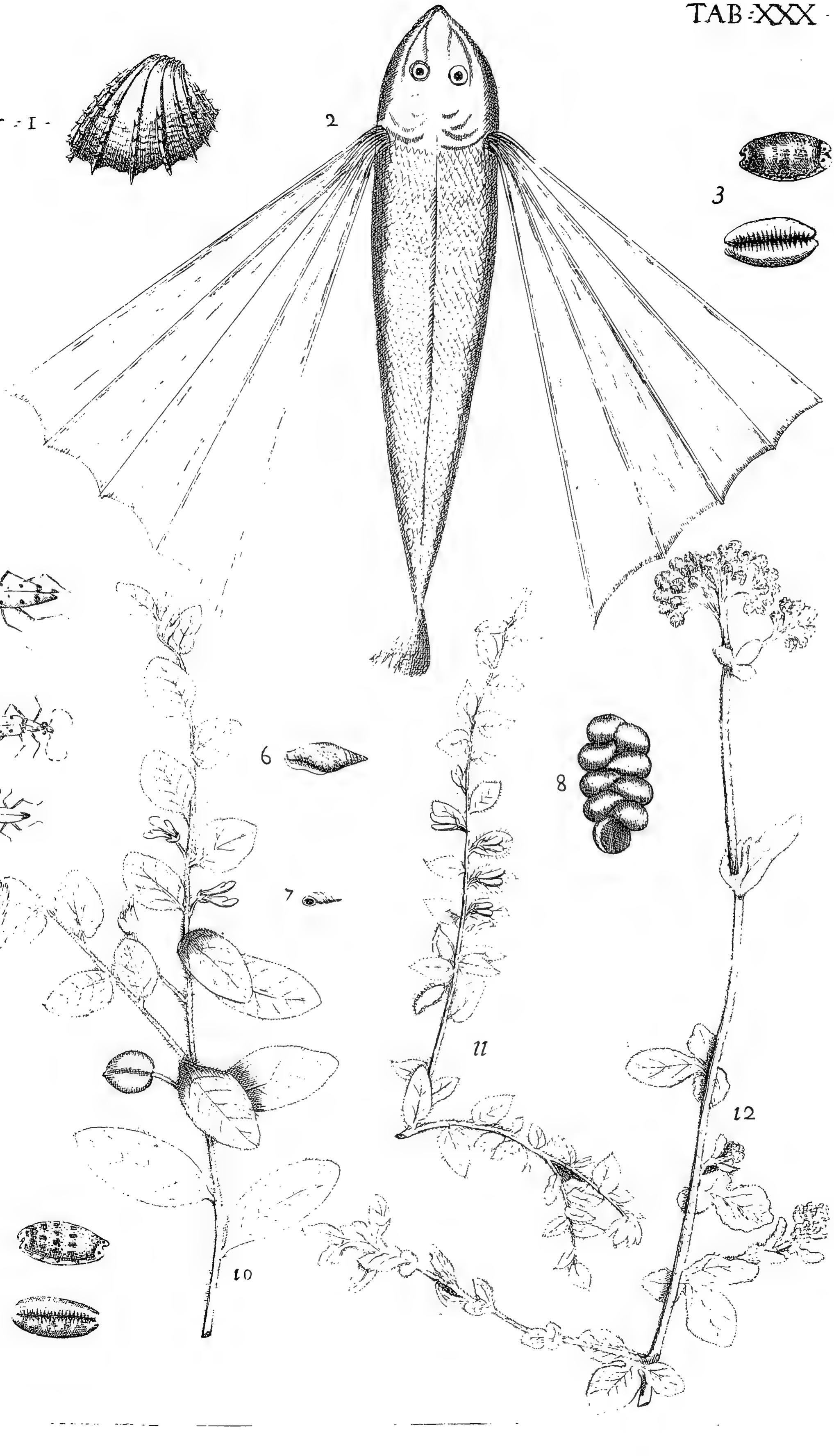
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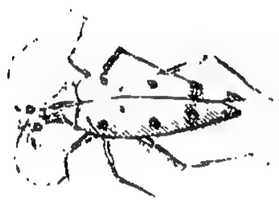
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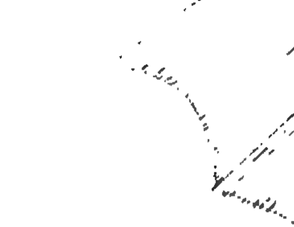
Fig - 1 -



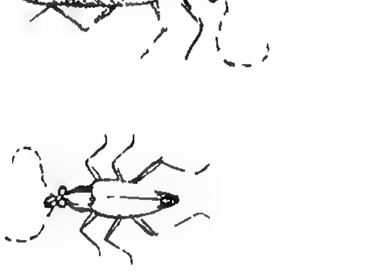
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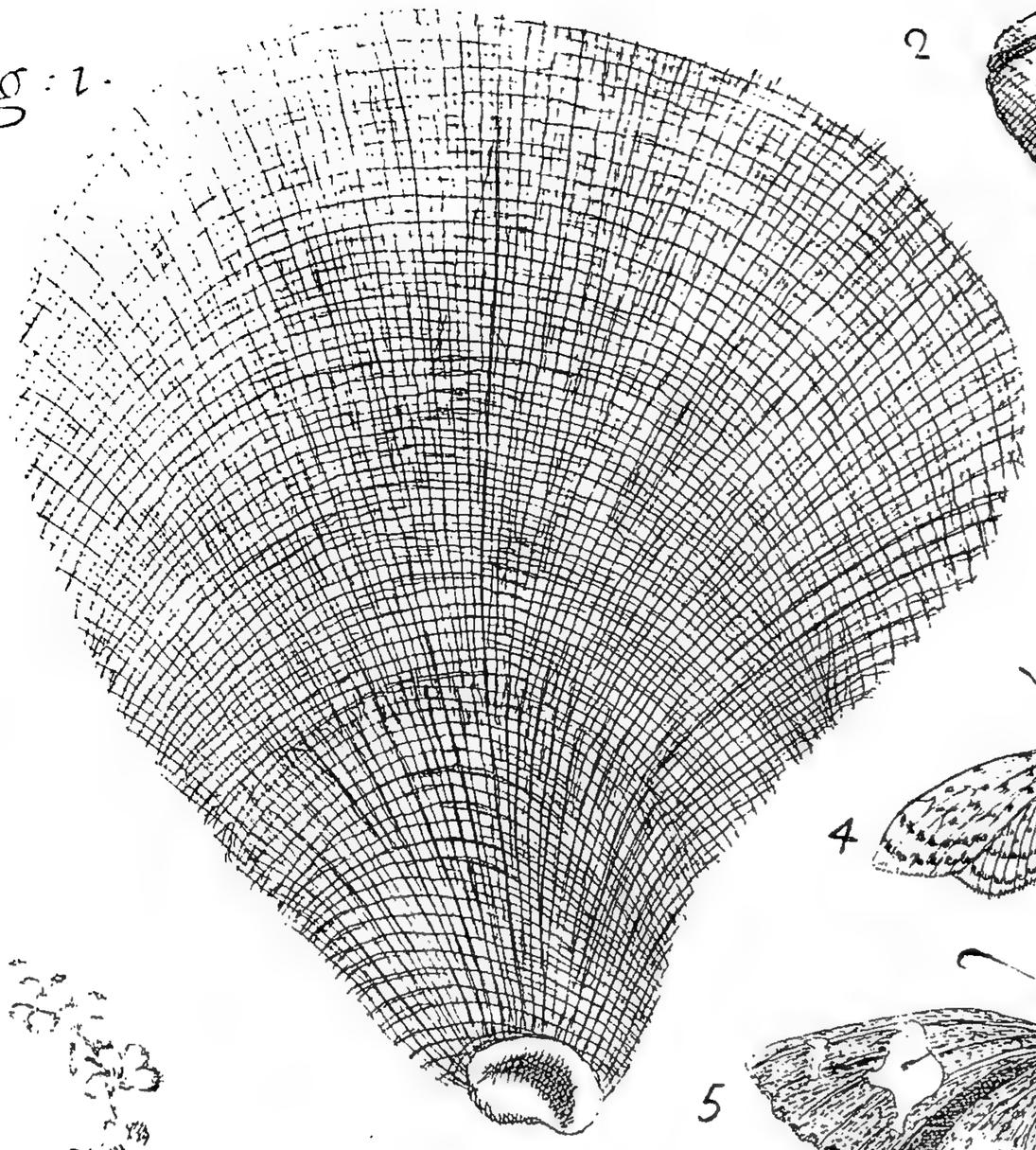
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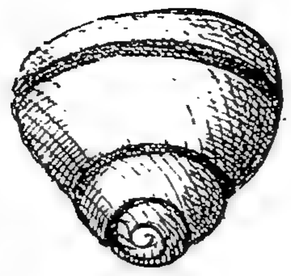
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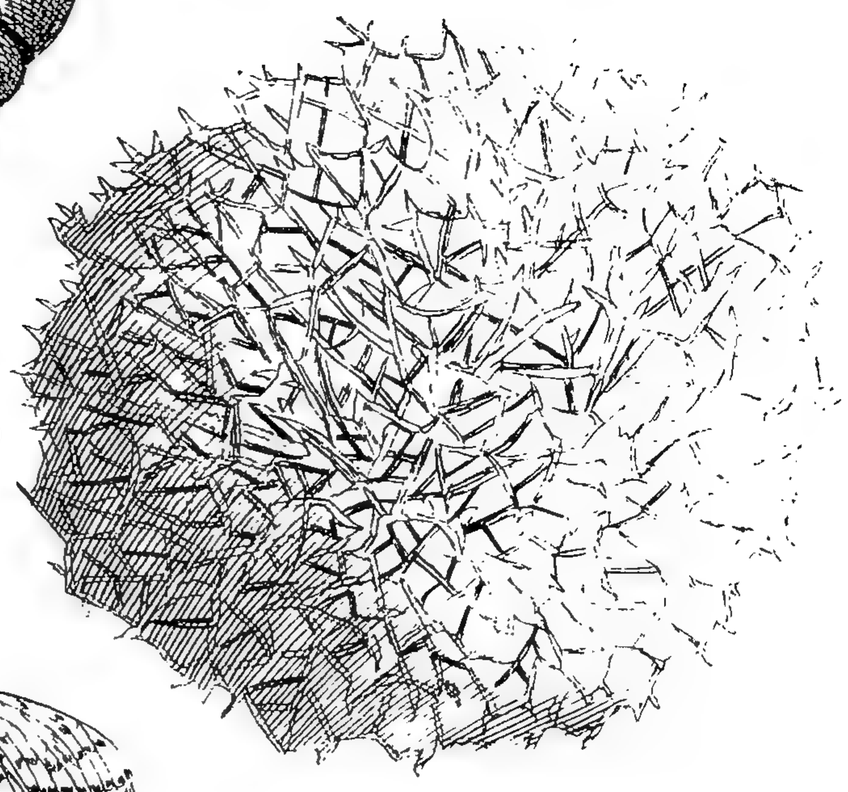
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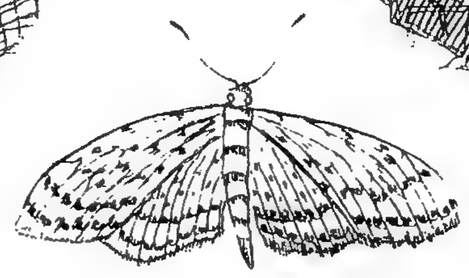
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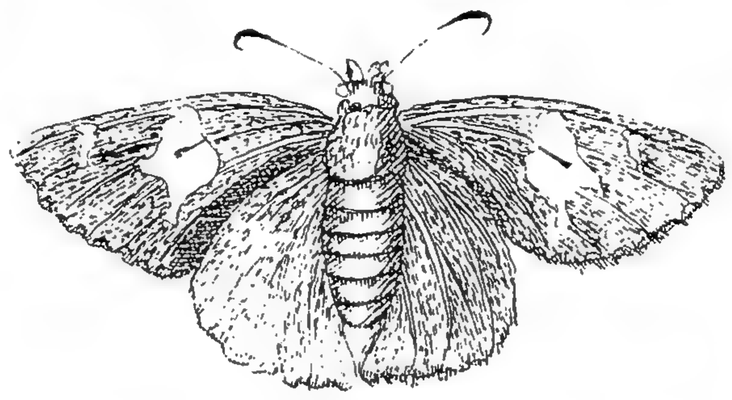
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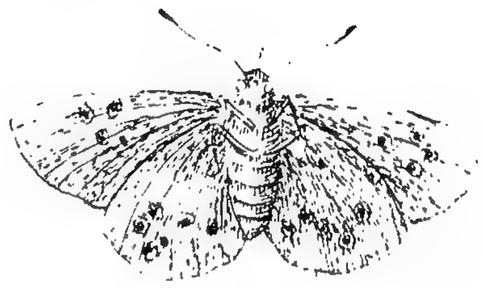
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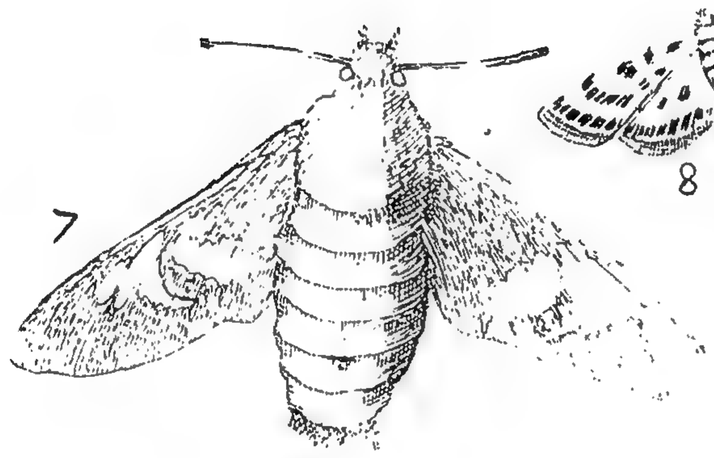


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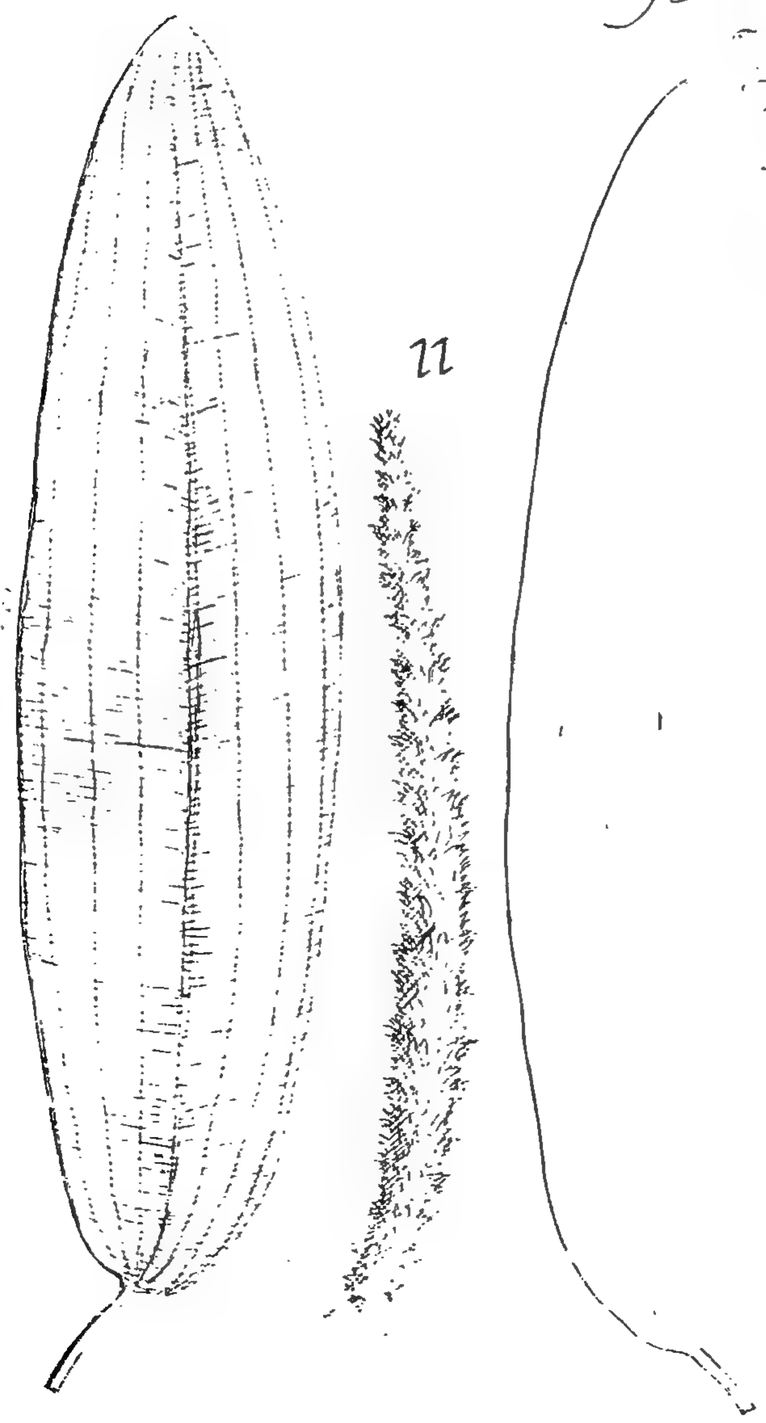


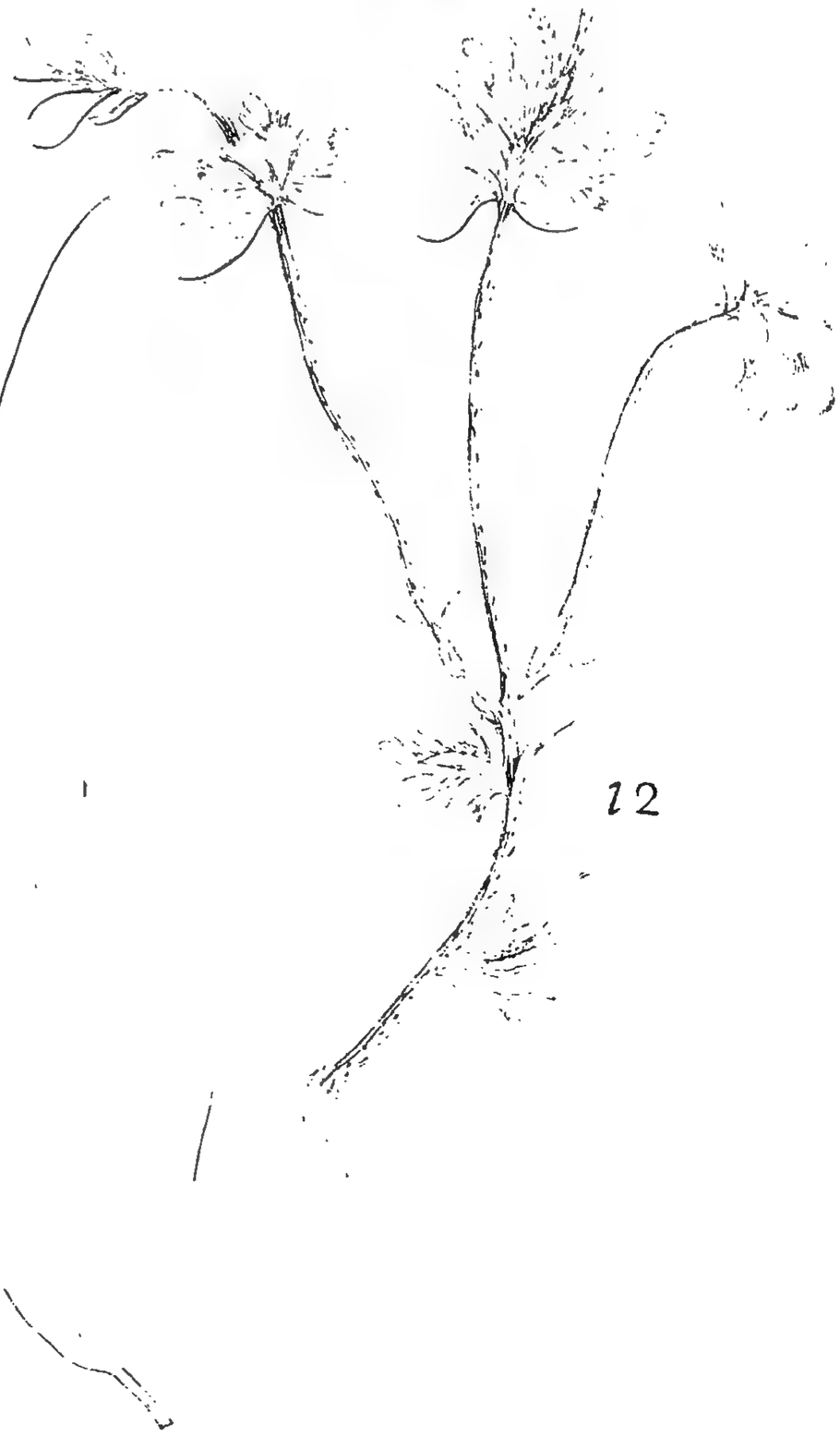


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Fig: 1.





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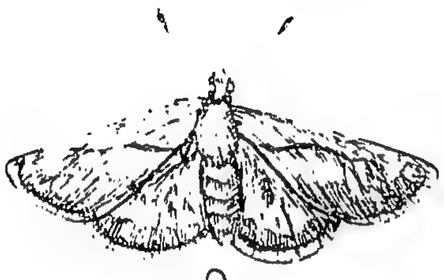
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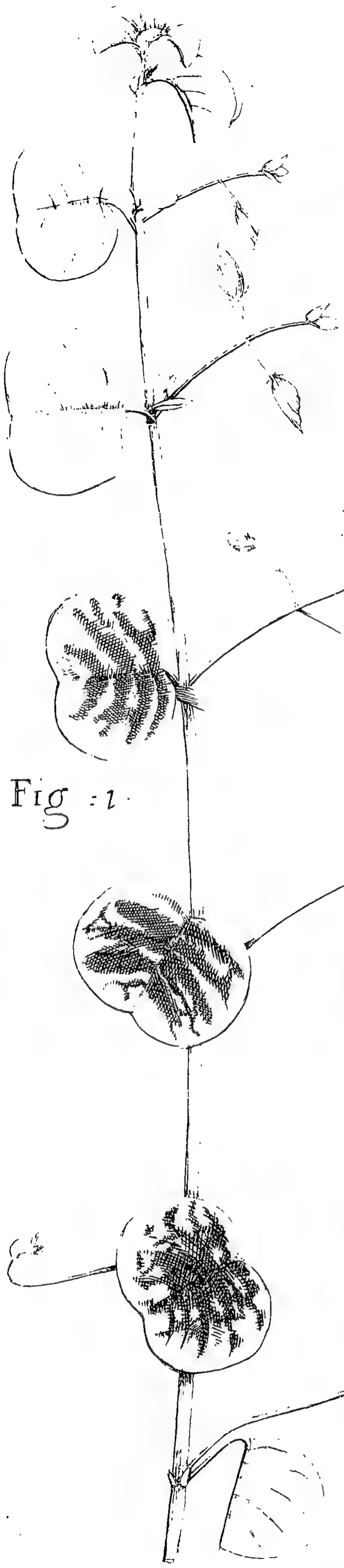
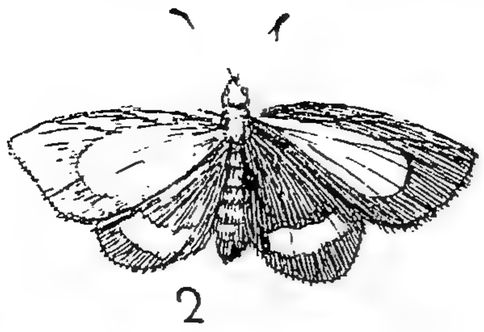


Fig : 1.



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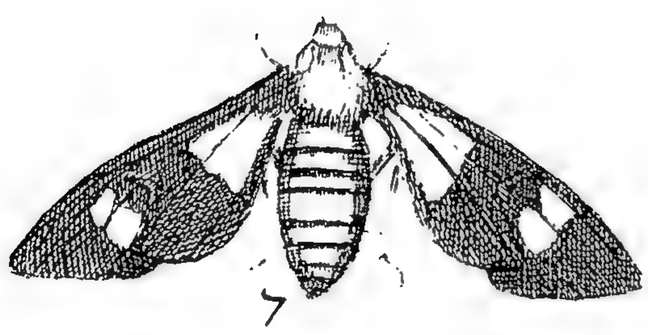
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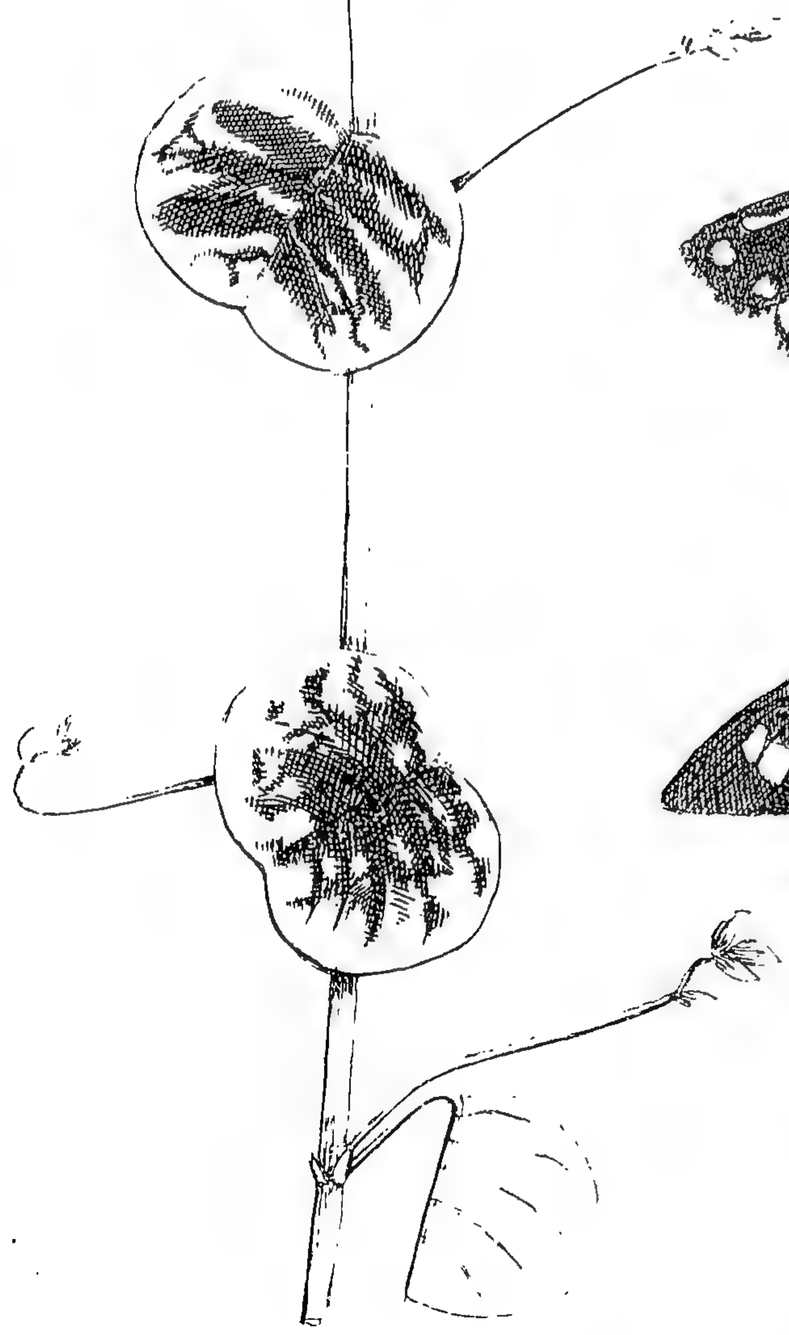
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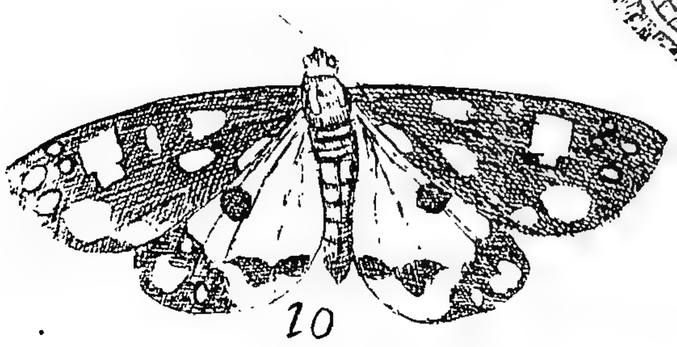
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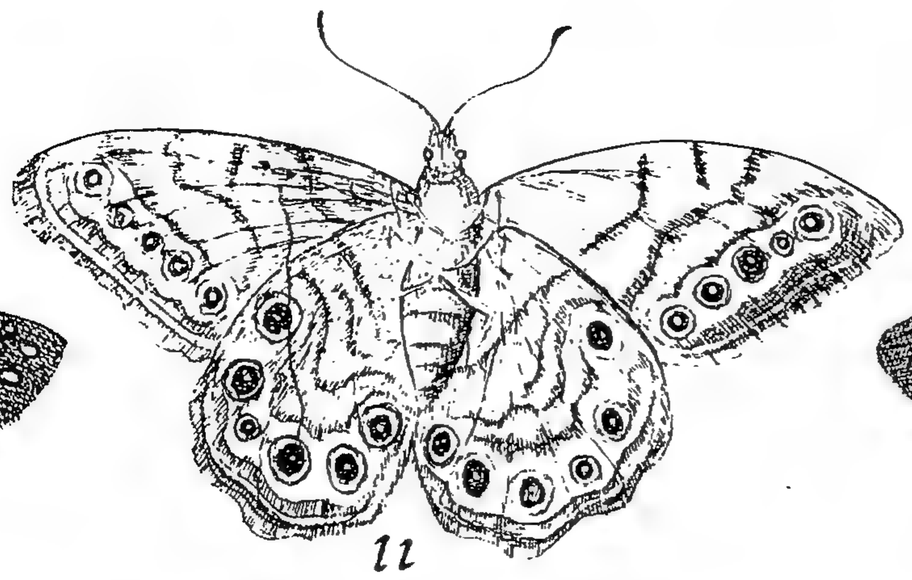
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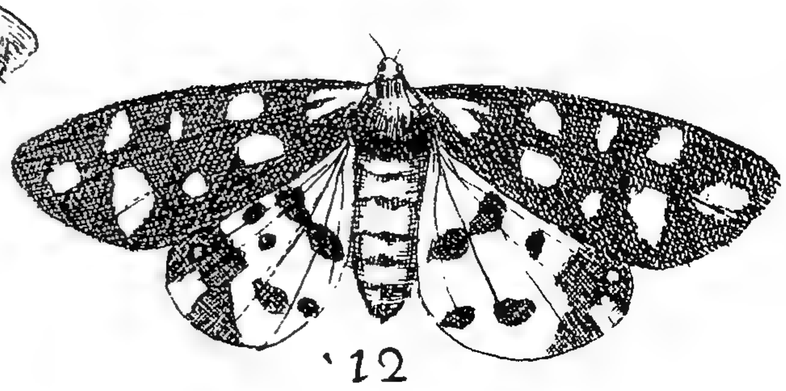
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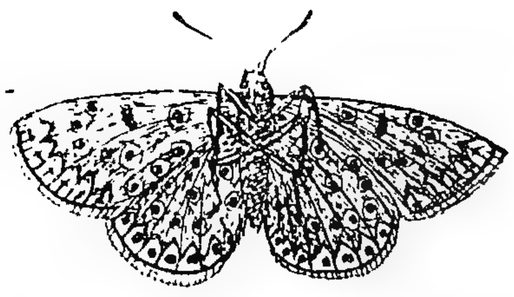
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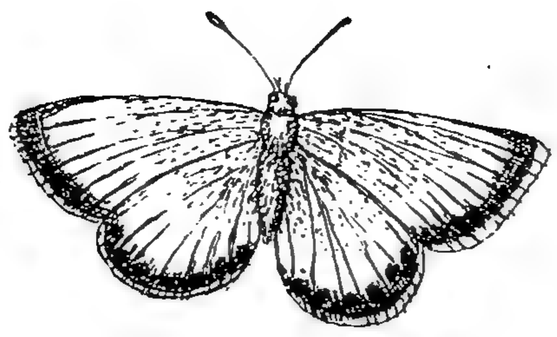


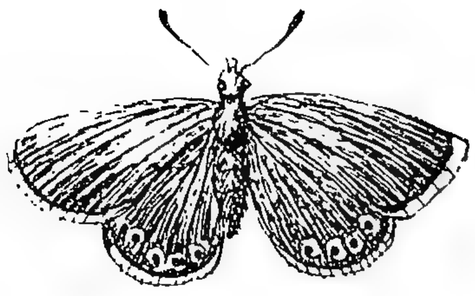
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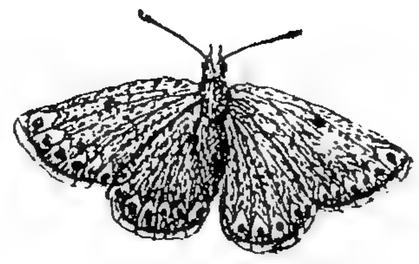
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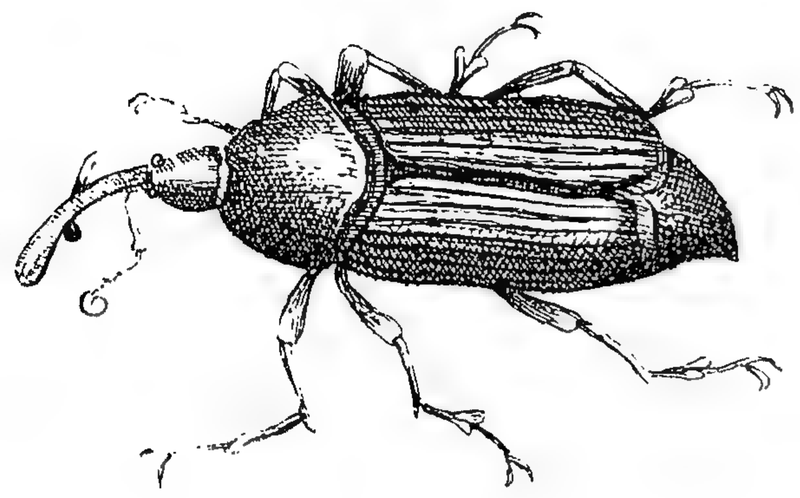
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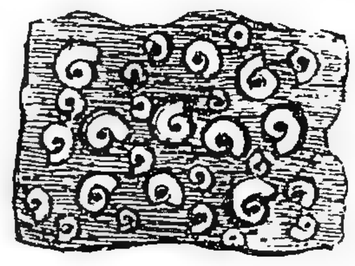




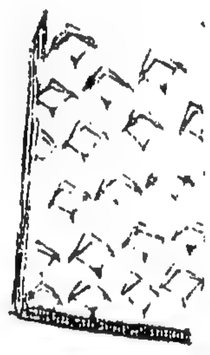




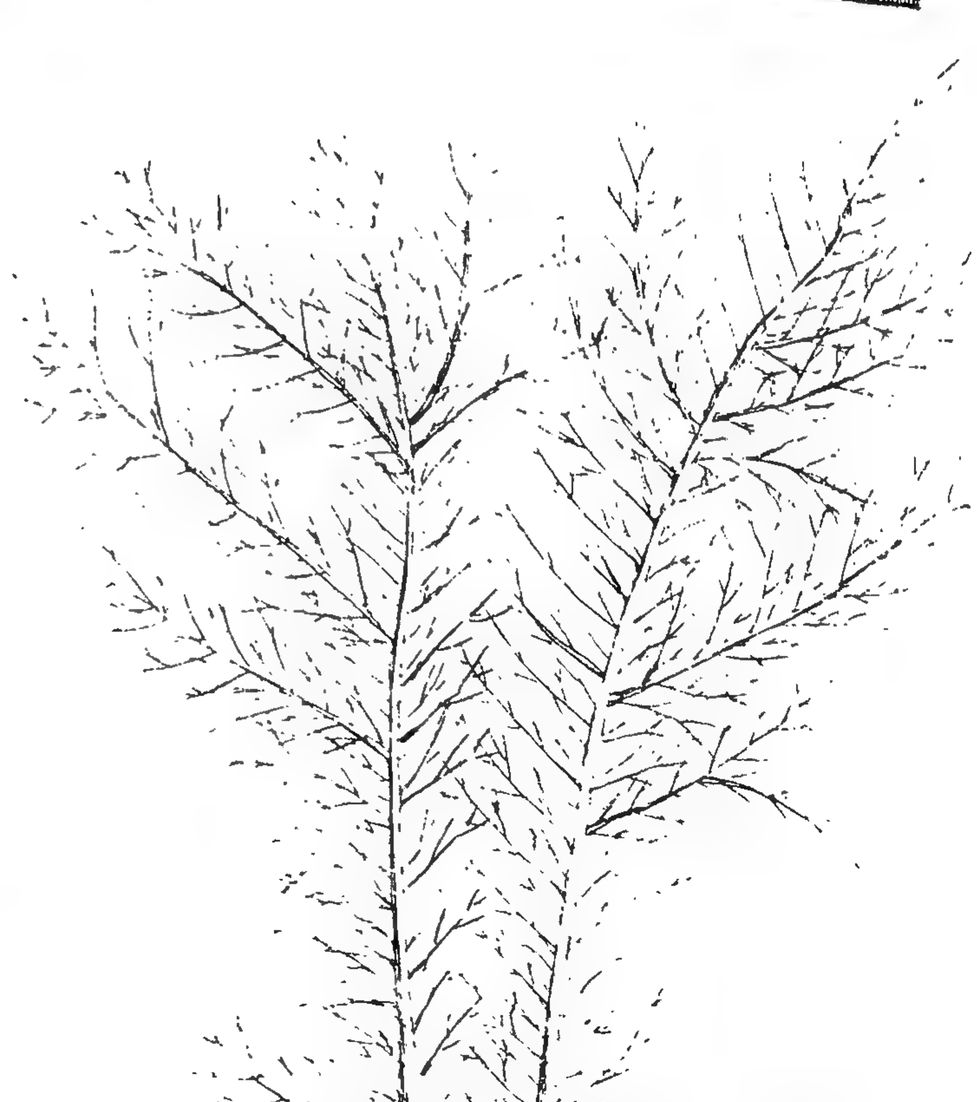












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TAB : XXXVI .

Fig : I .

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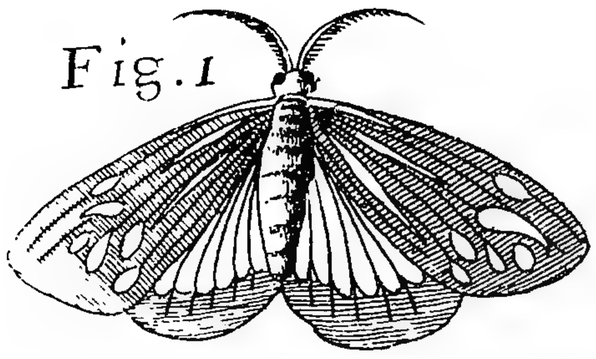
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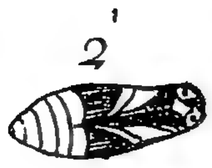
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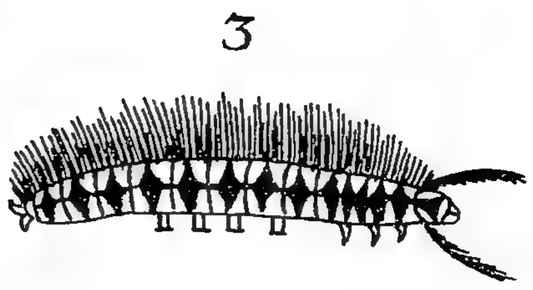
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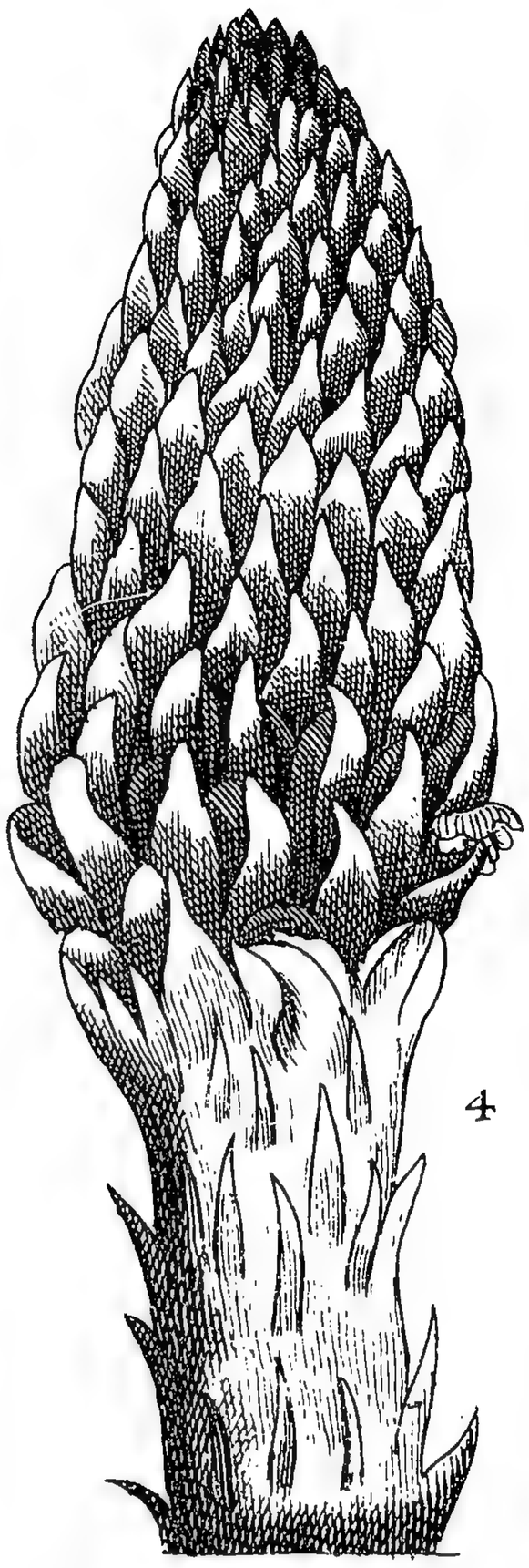




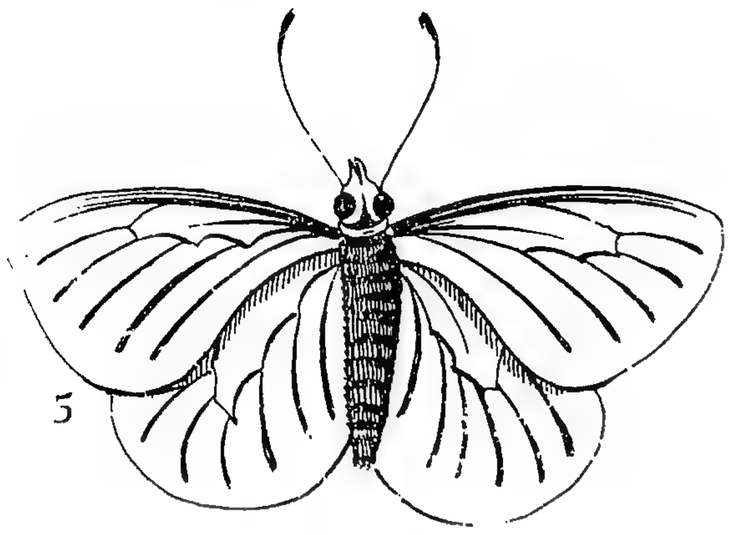
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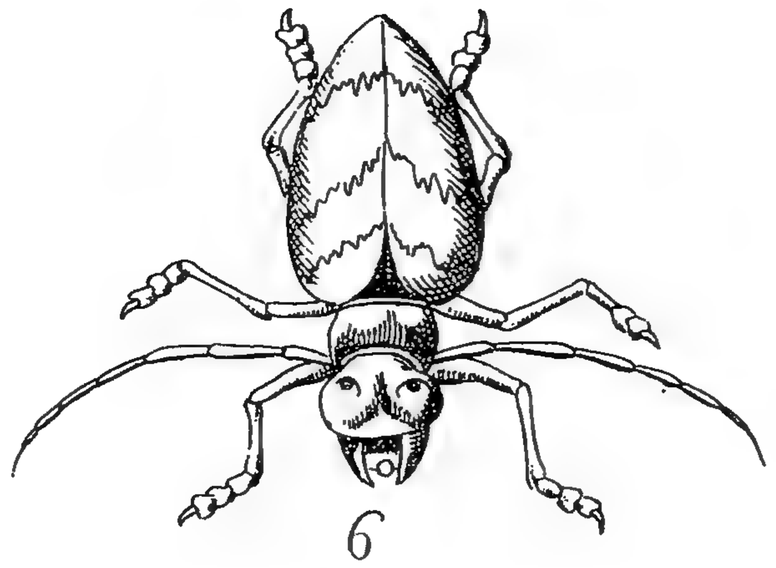
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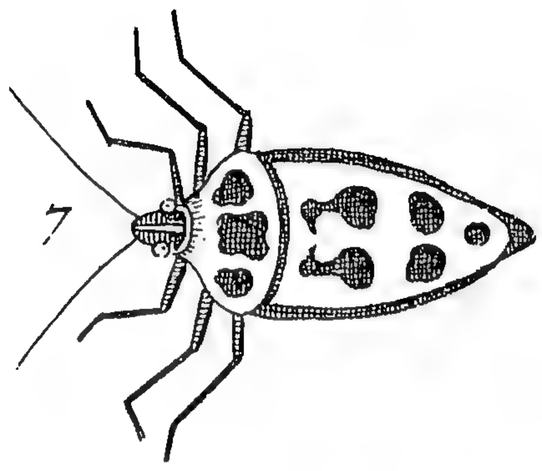
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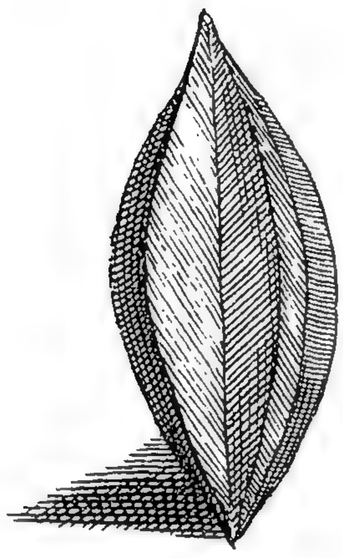
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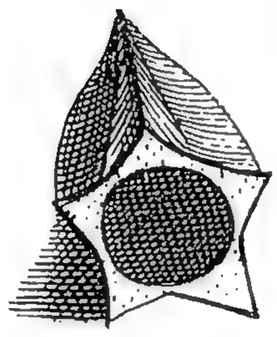


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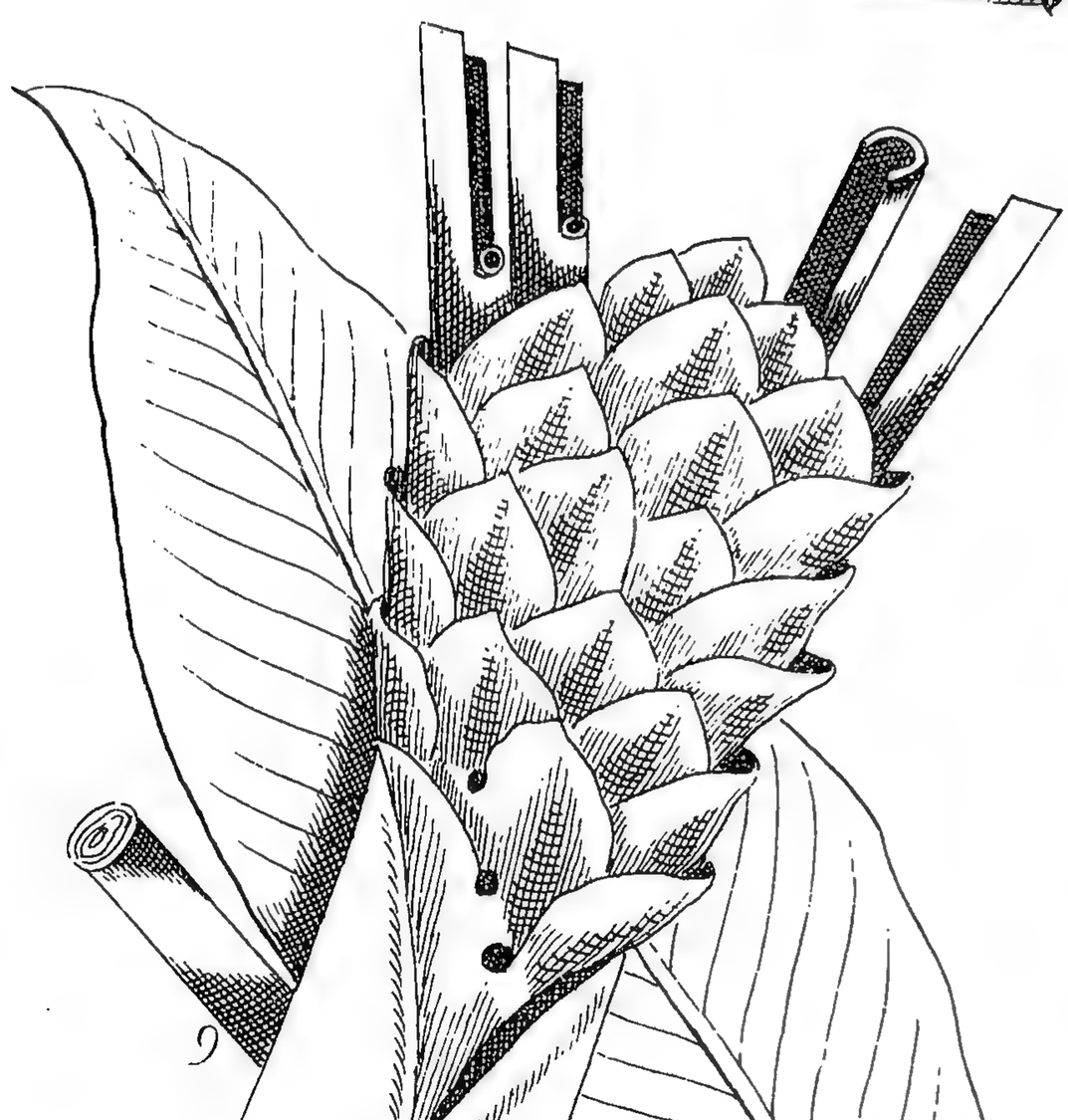


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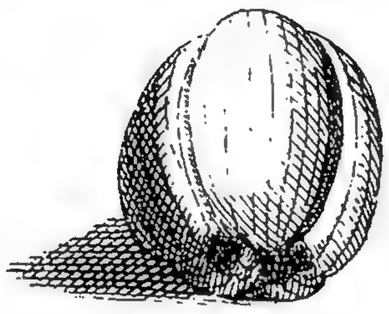




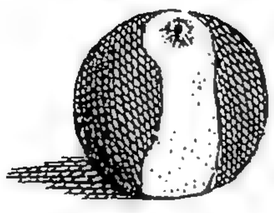
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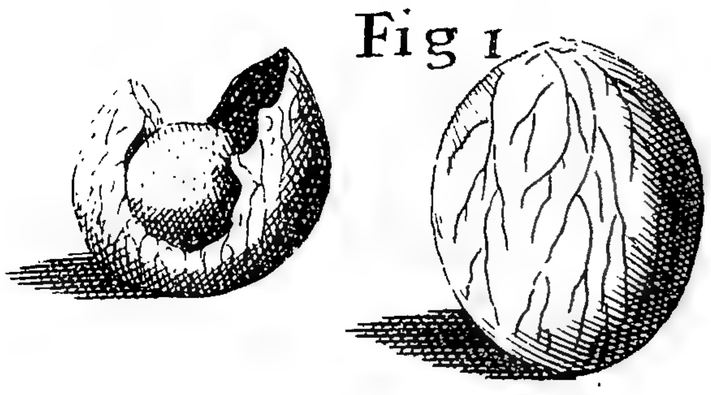
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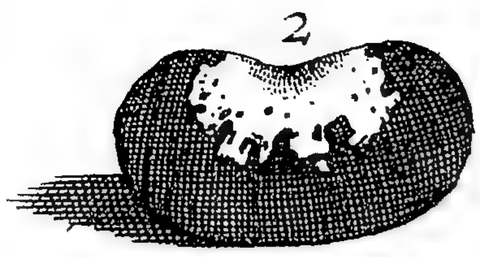


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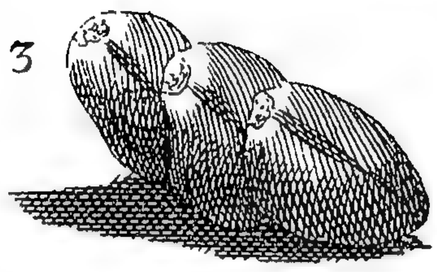
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Fig 1

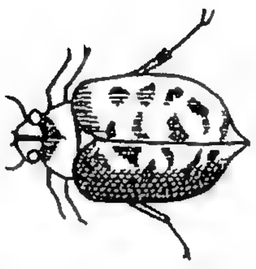




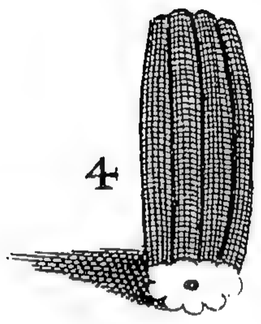
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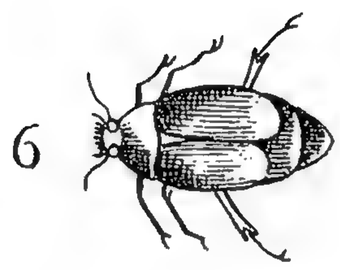
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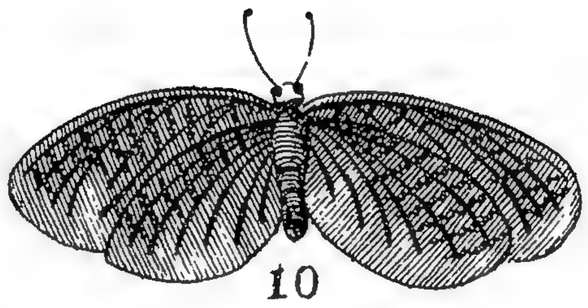


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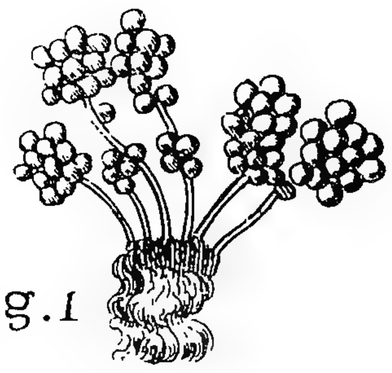
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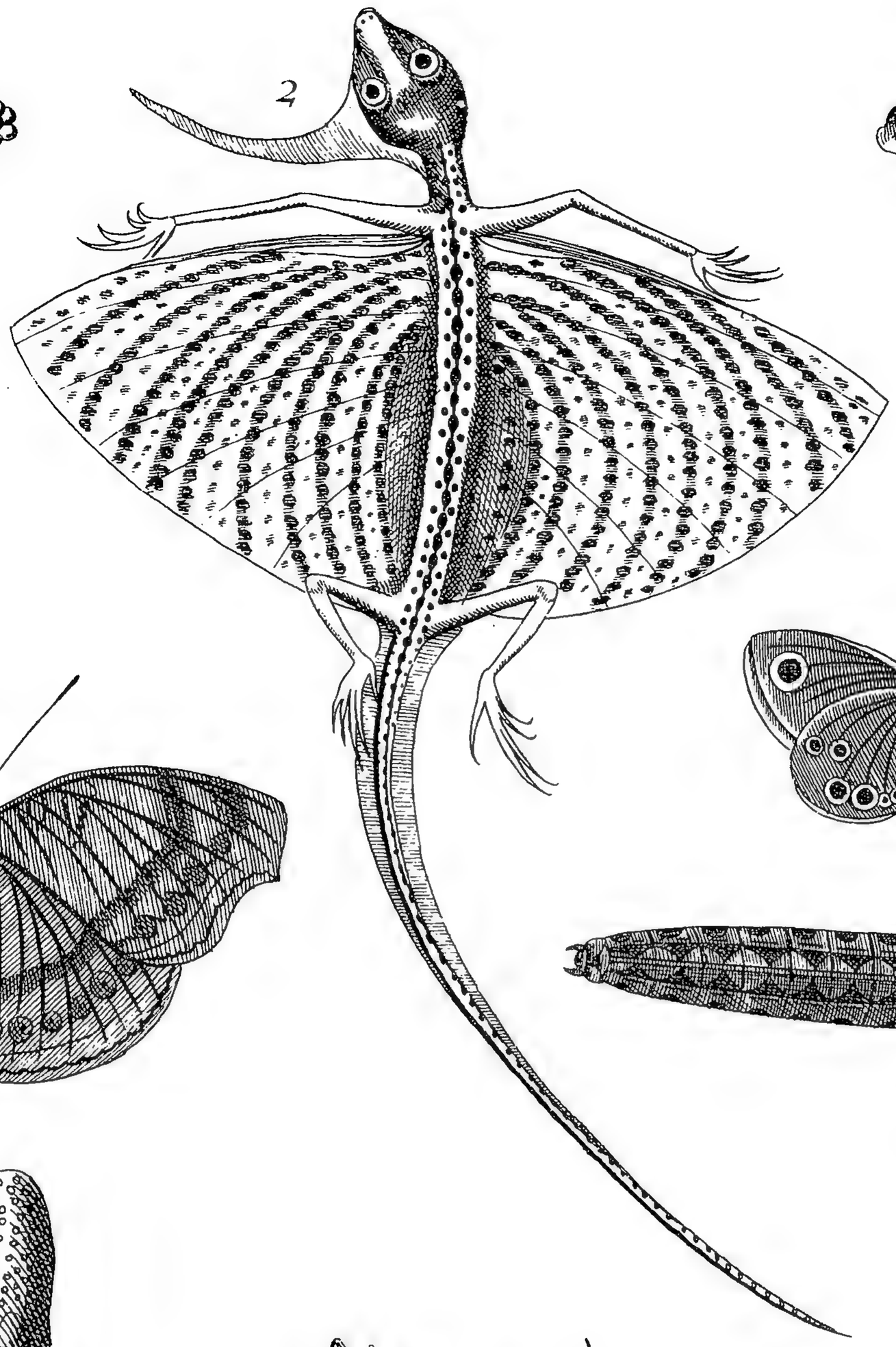


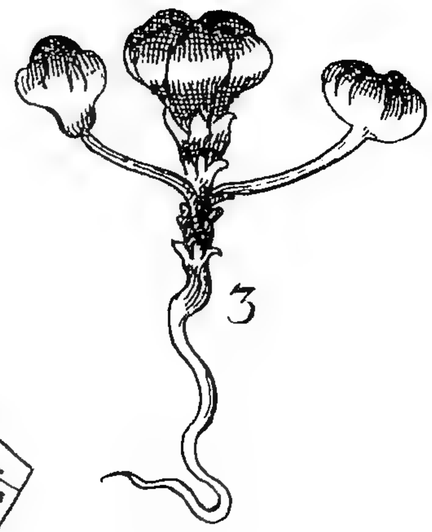
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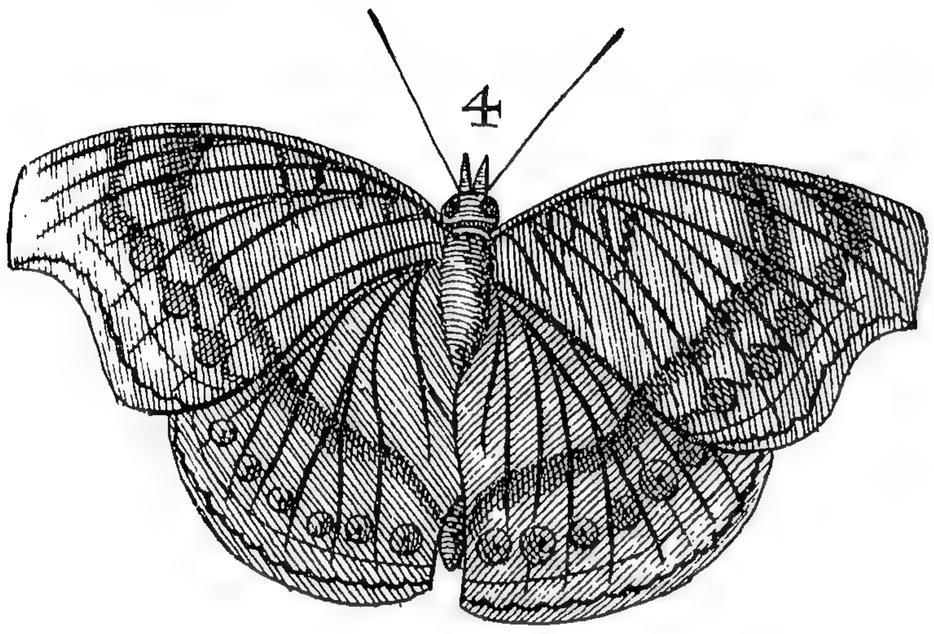
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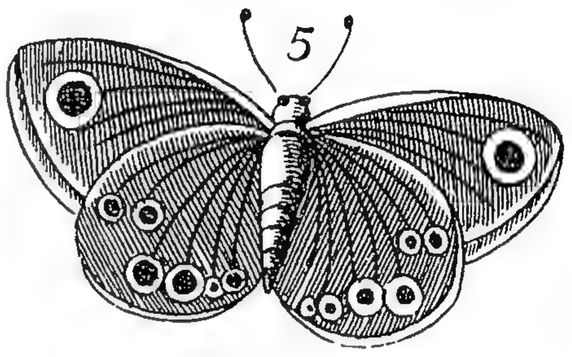
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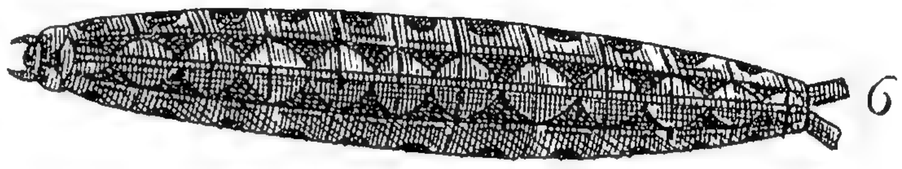




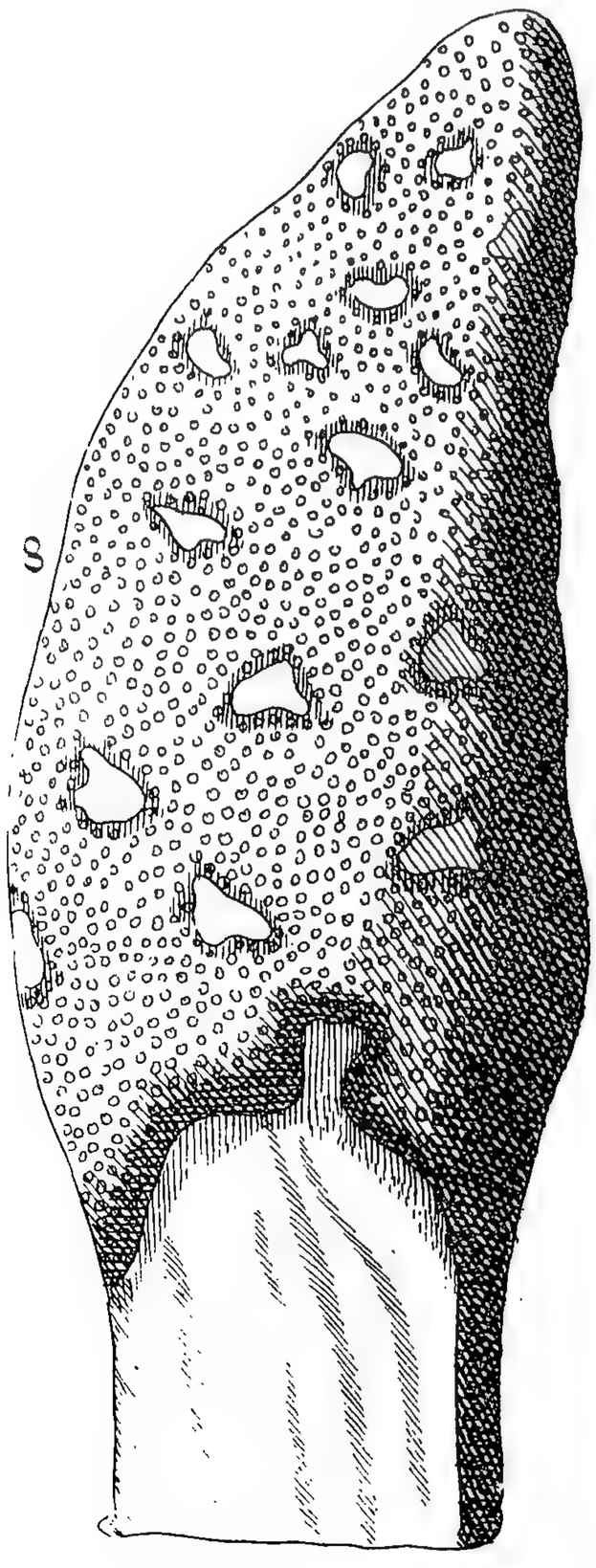


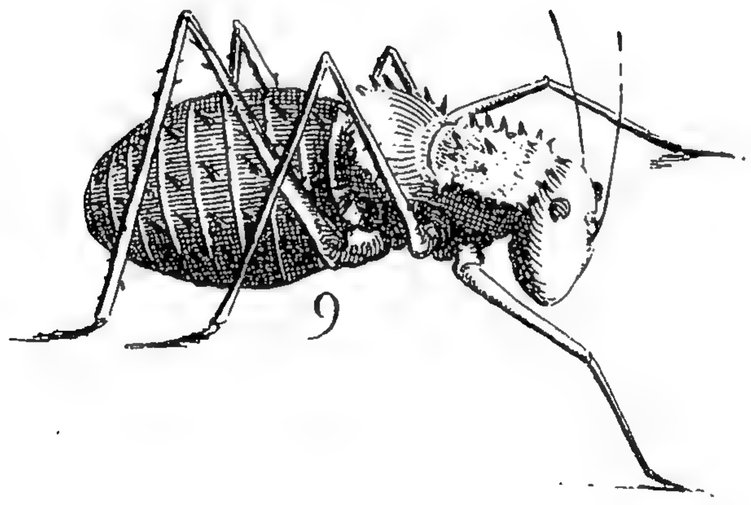


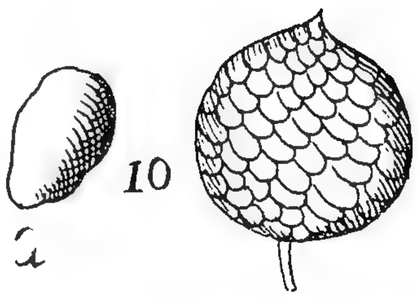


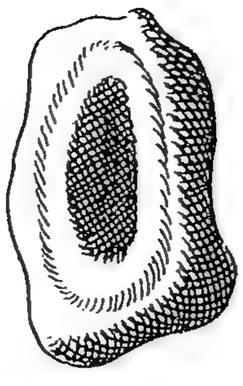


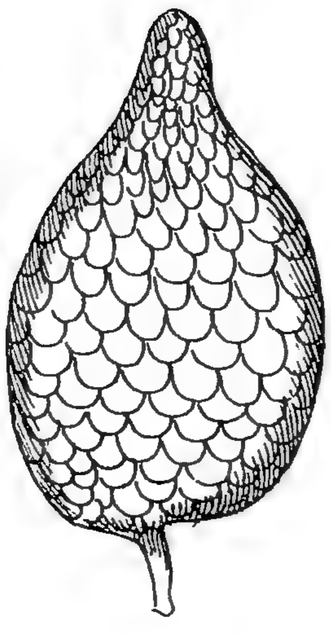


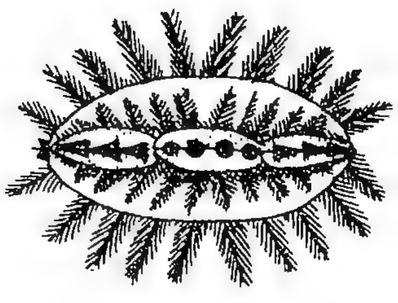












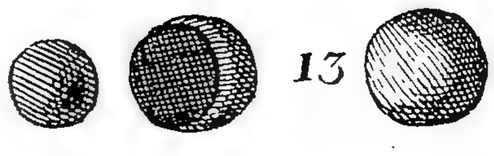
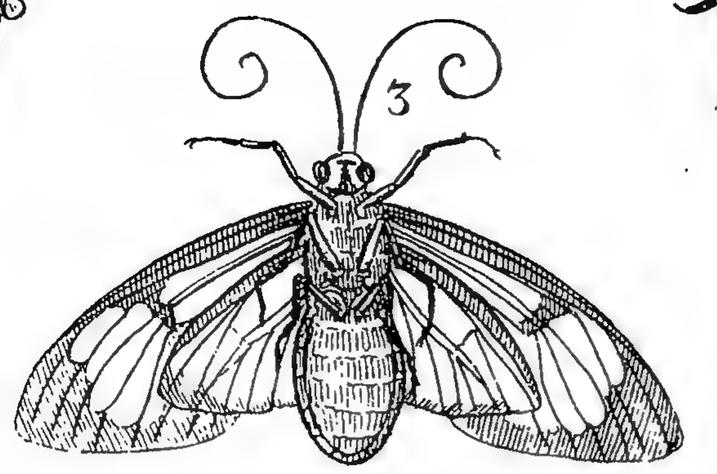


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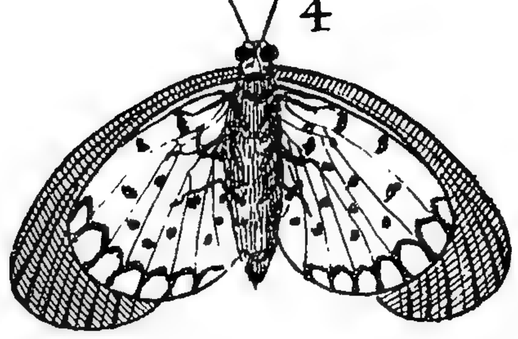
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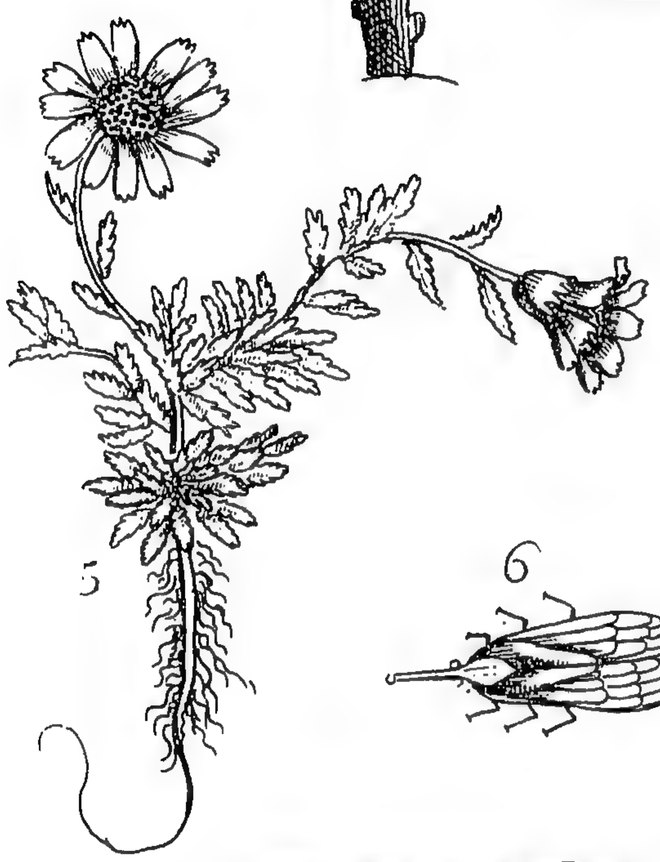
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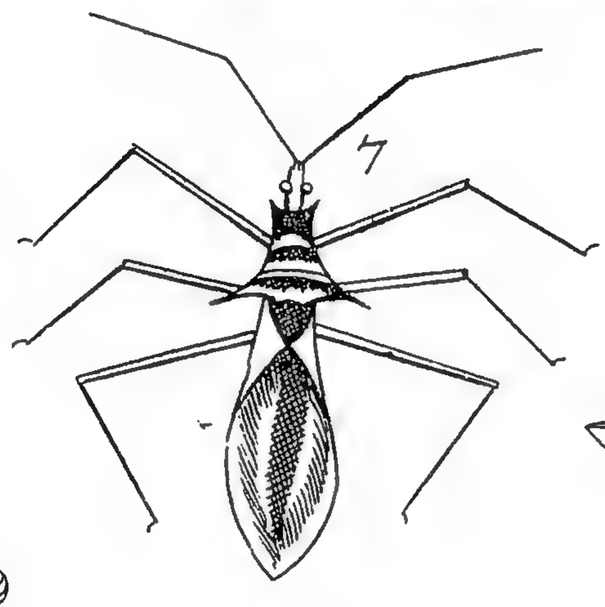


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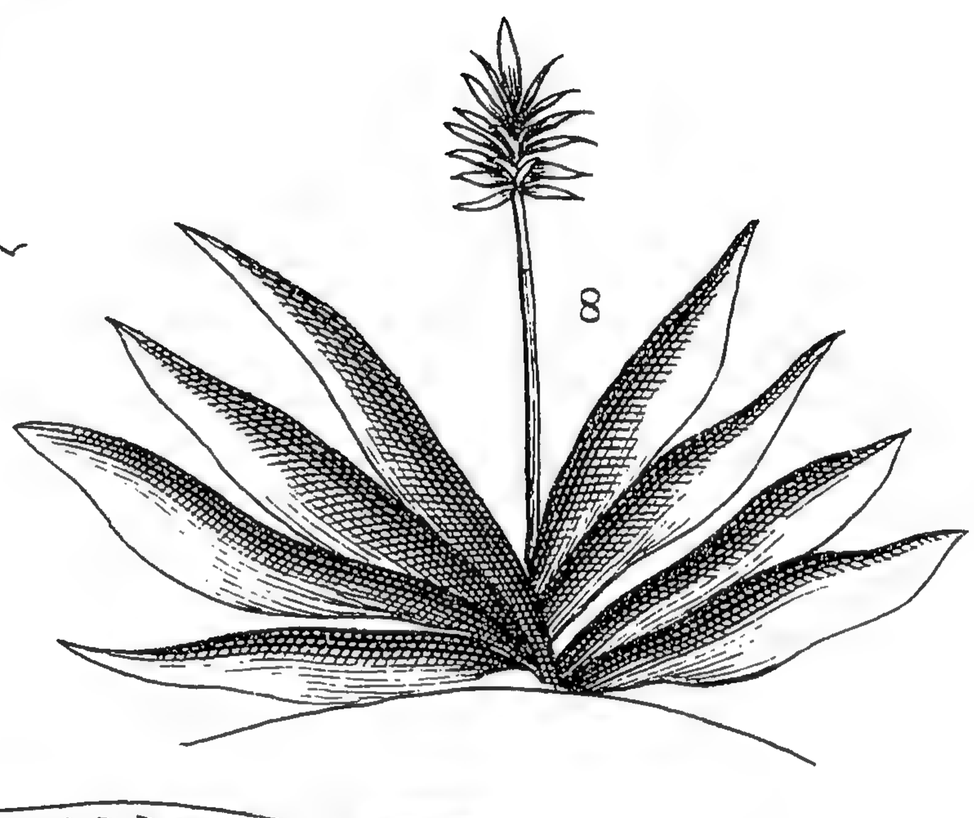


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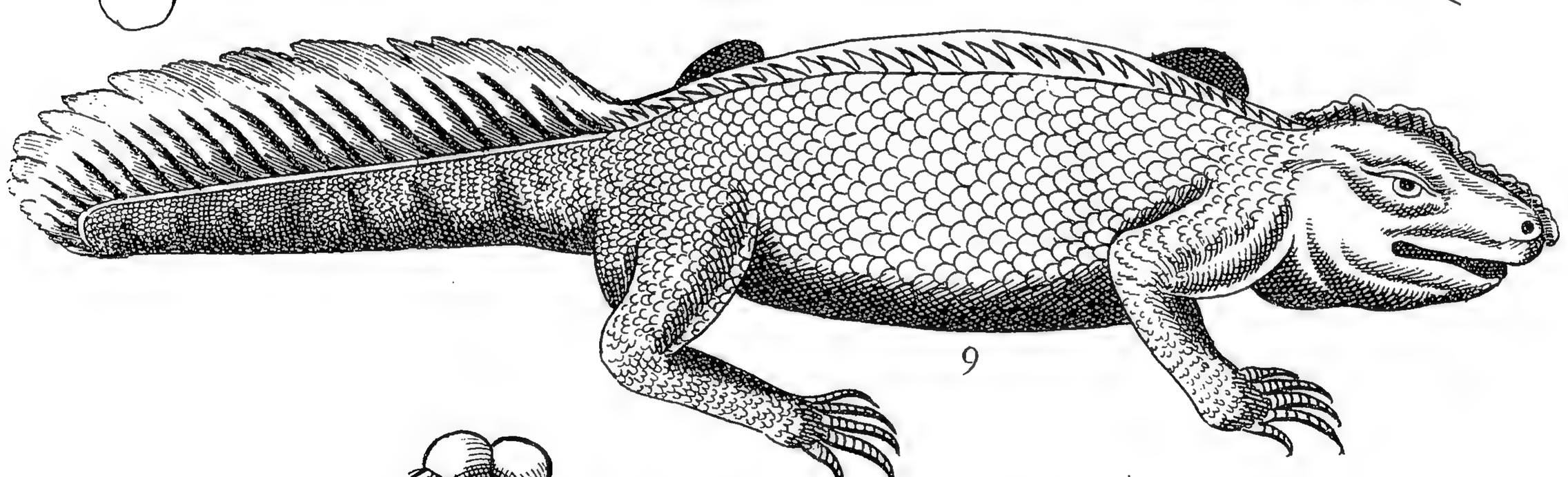
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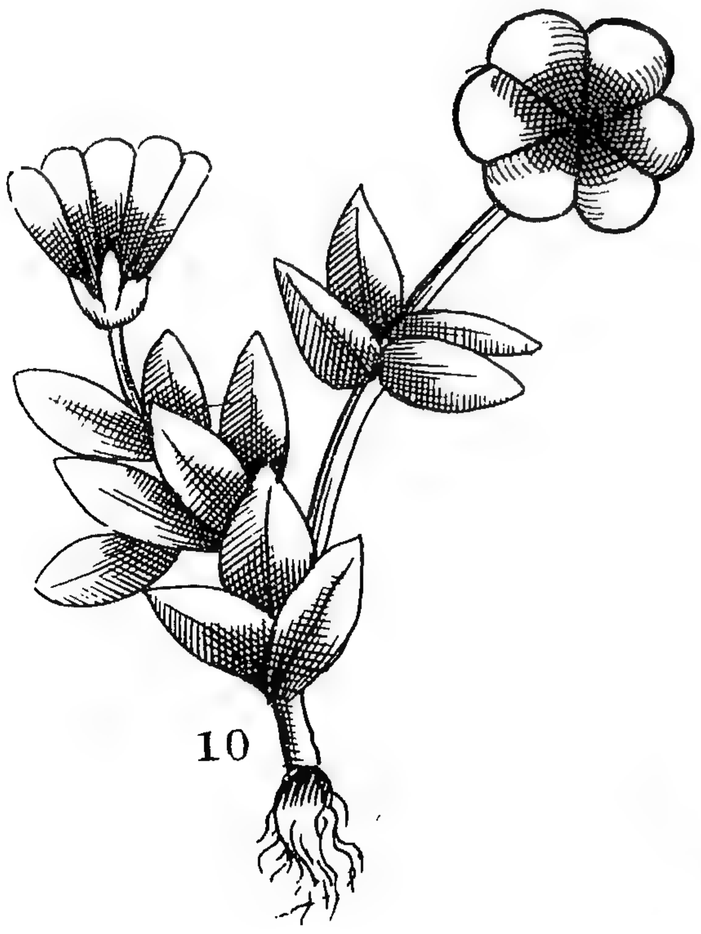
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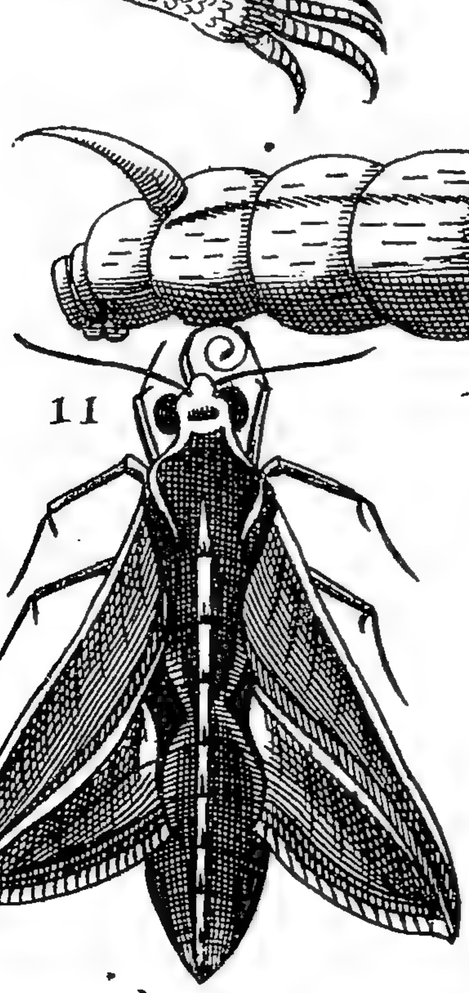
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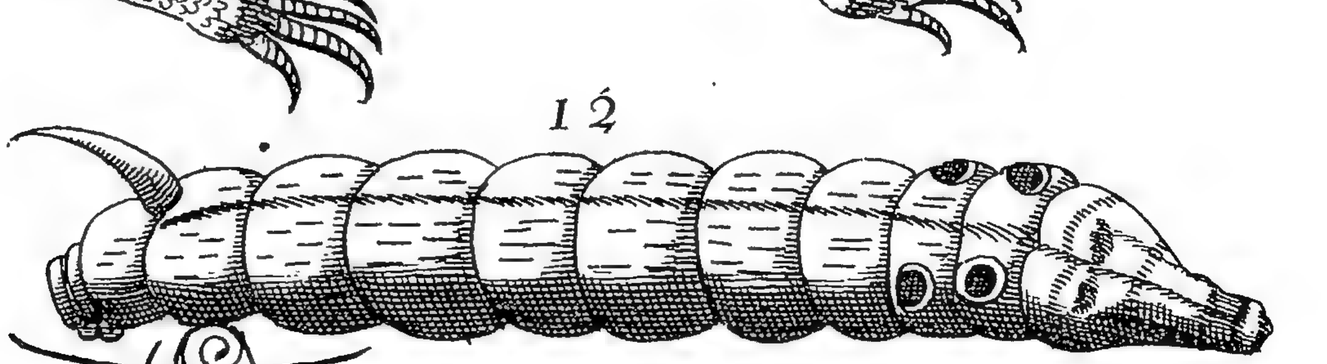
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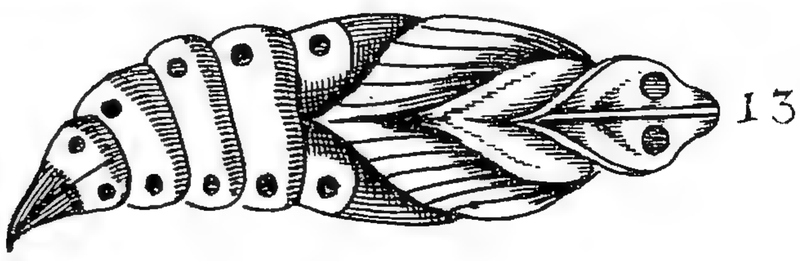
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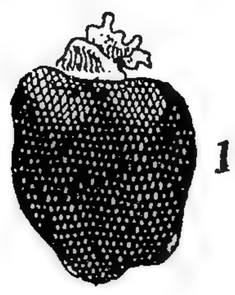
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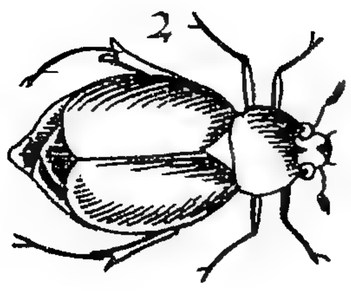
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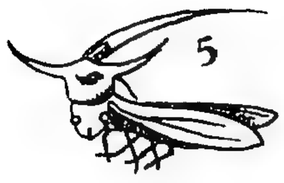
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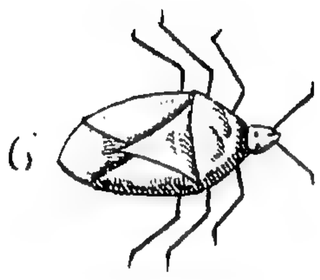










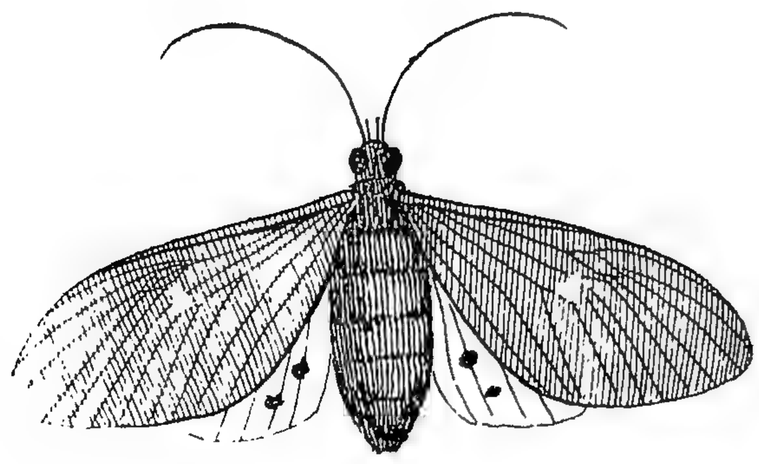


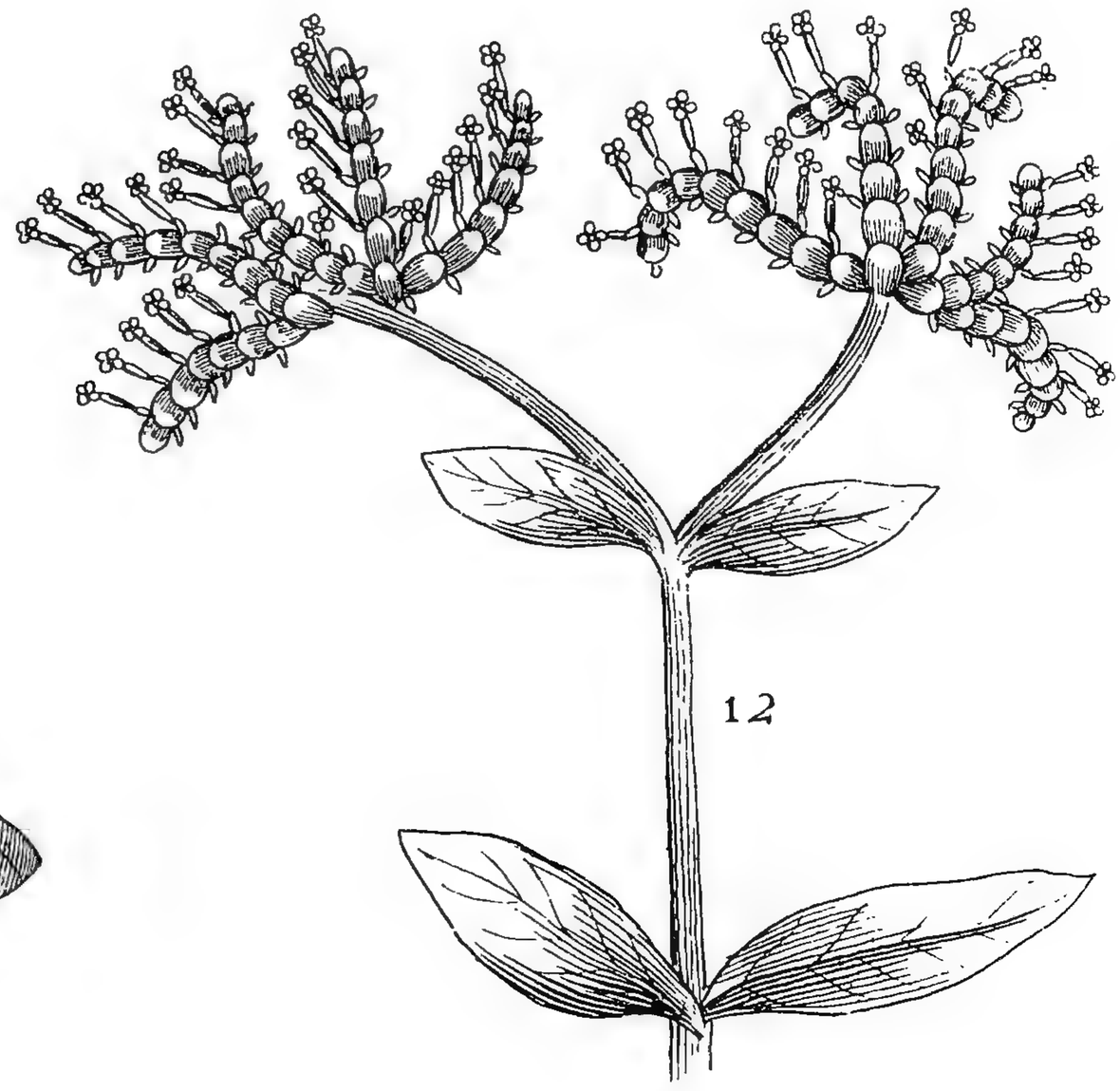












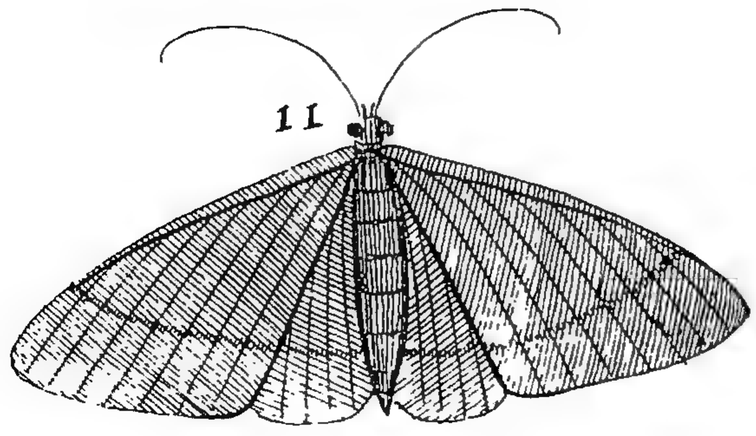
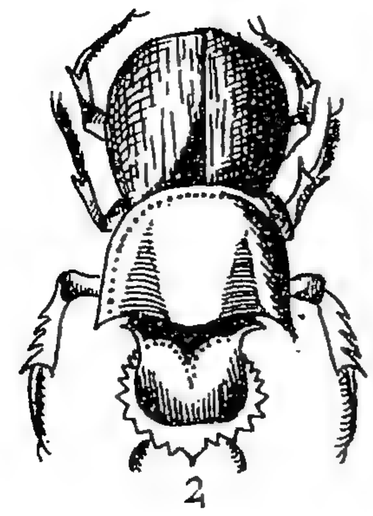
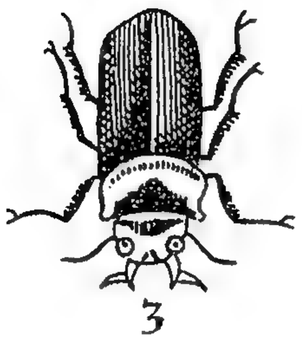


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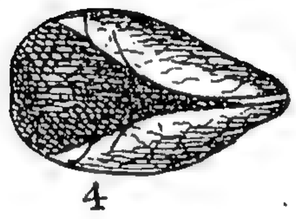
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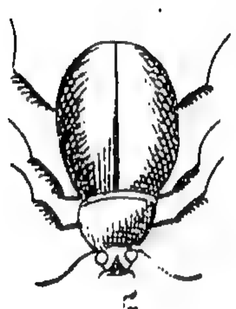
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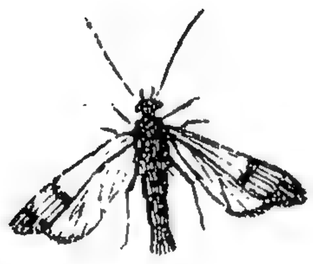
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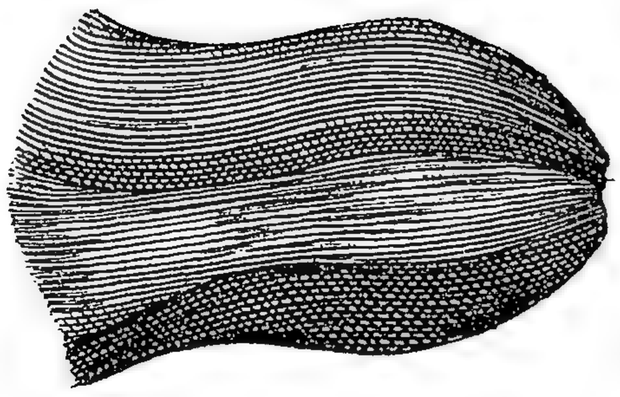
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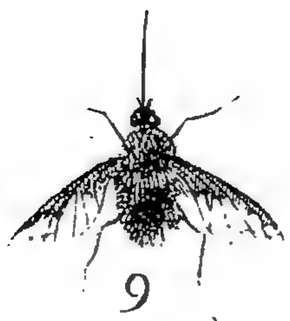
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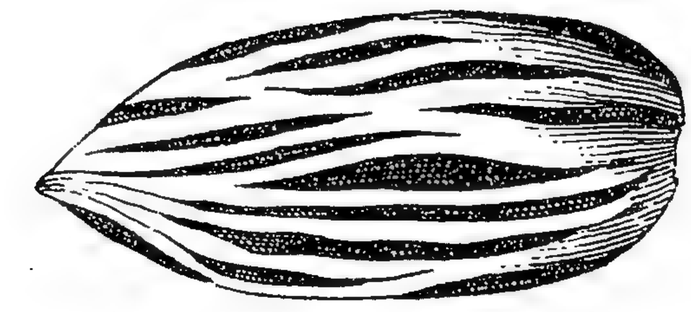
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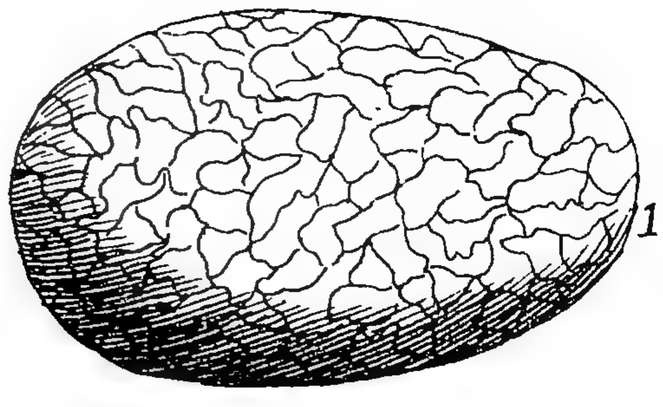
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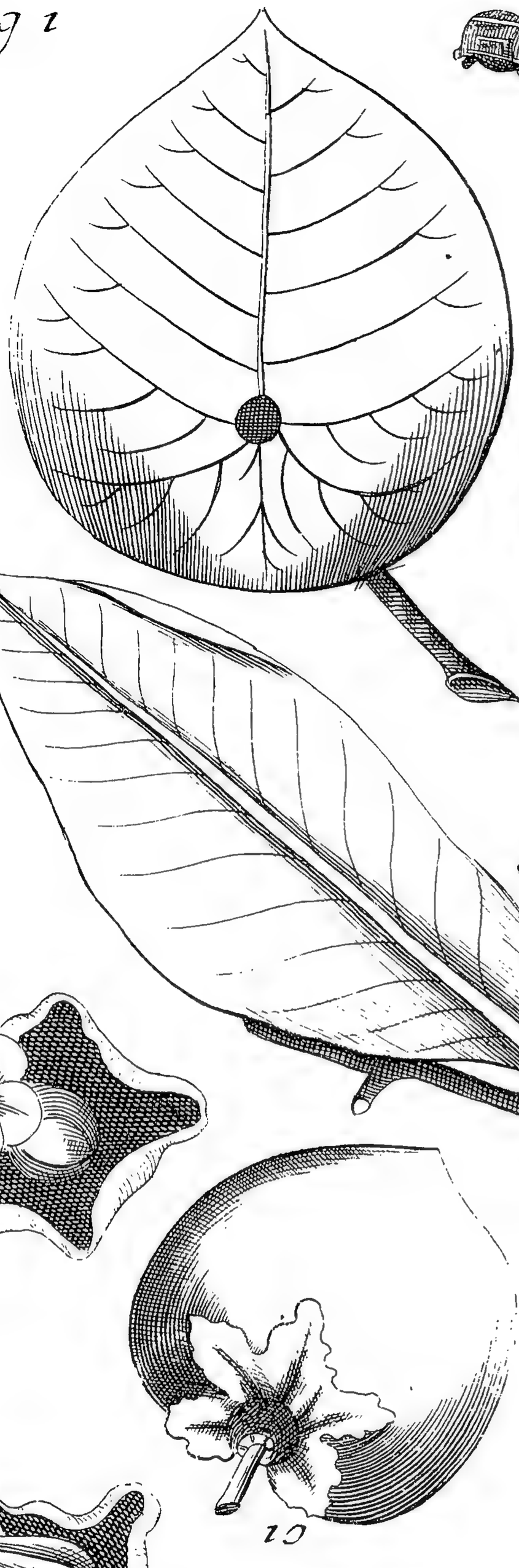
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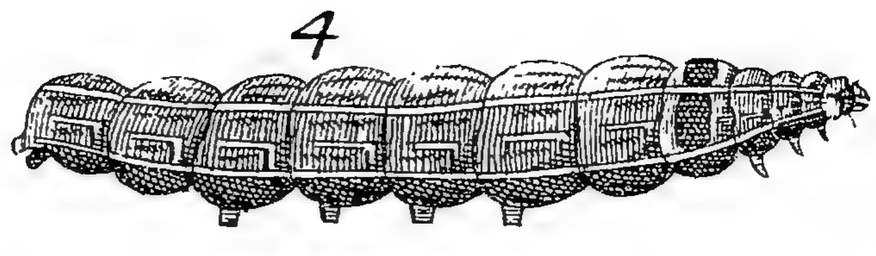


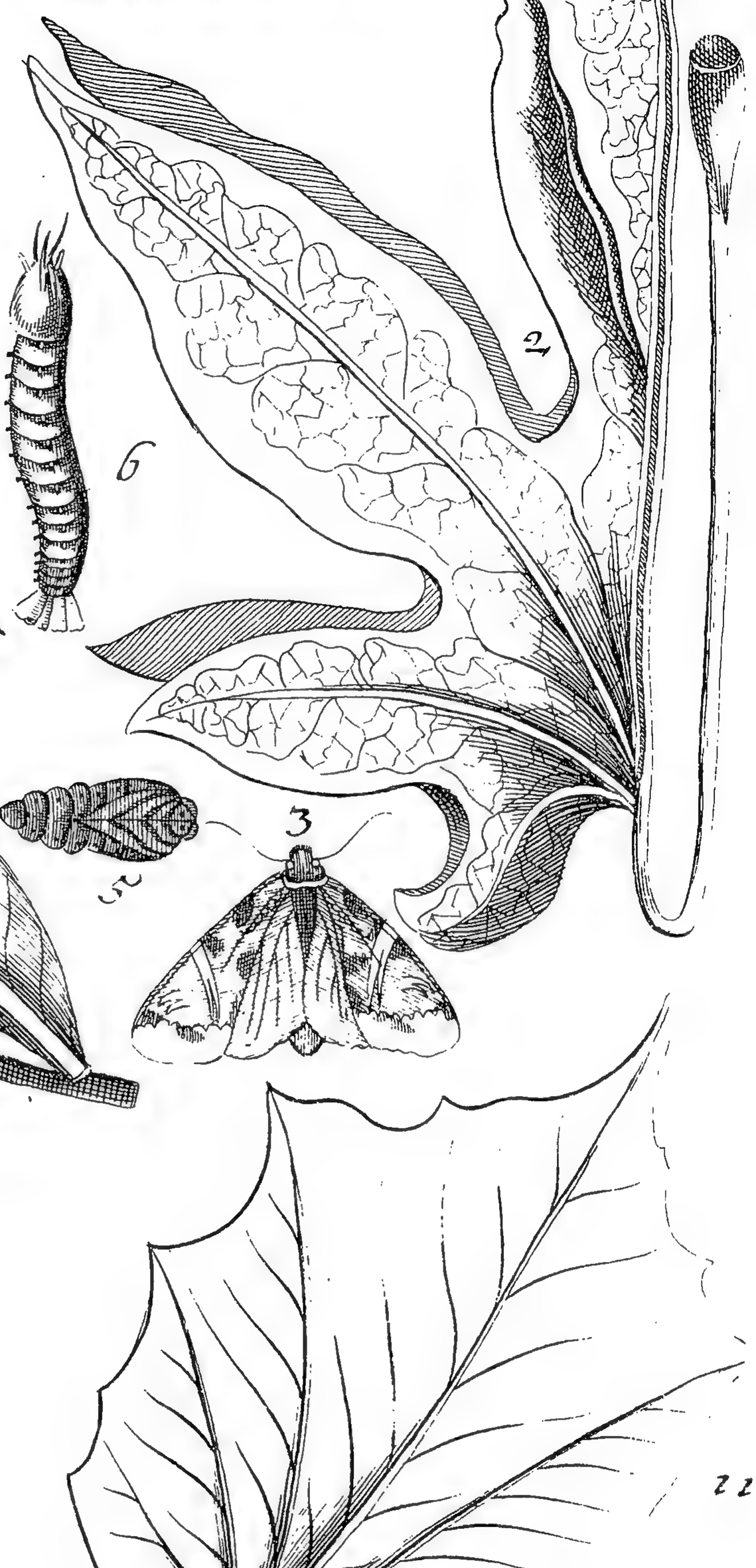
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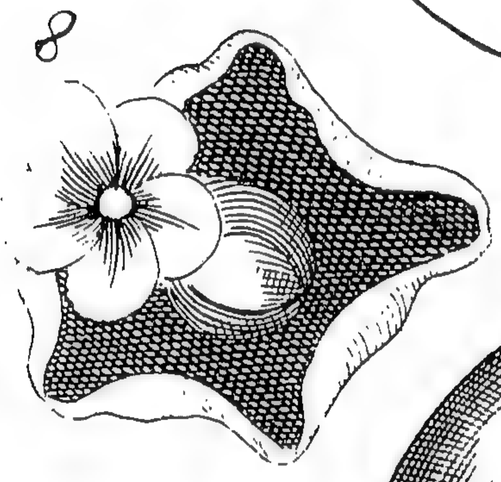
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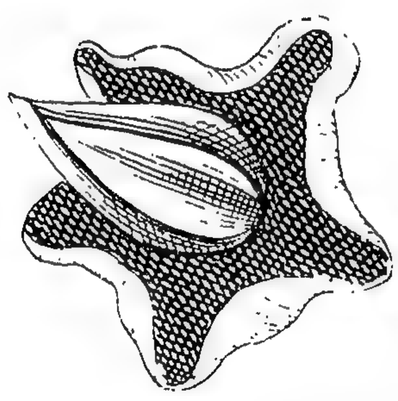
Fig 1

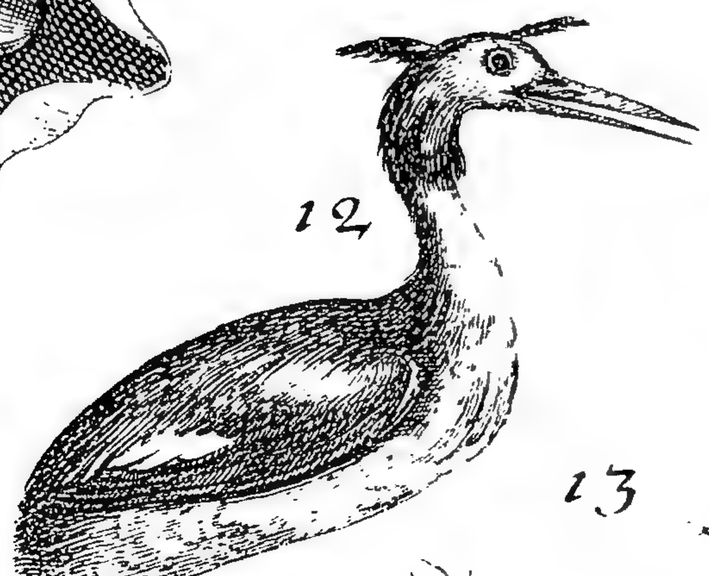


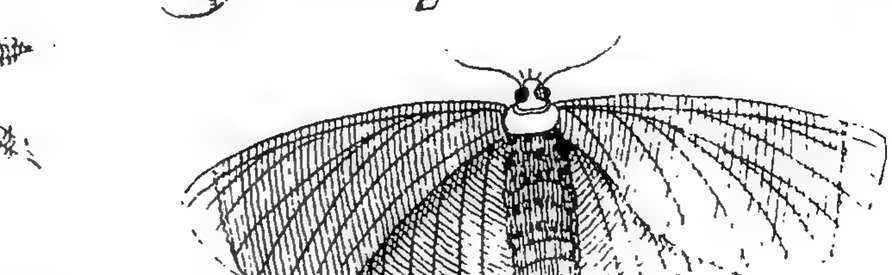






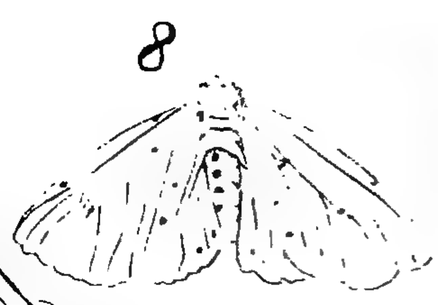


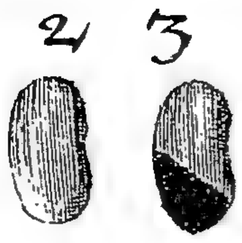


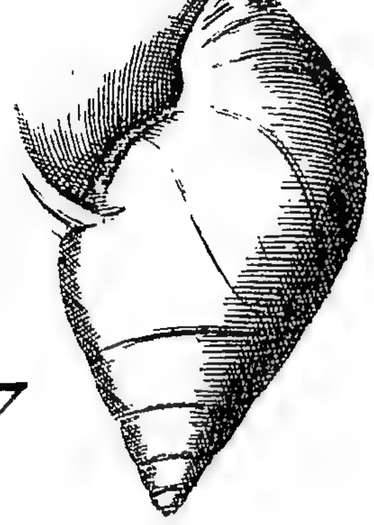


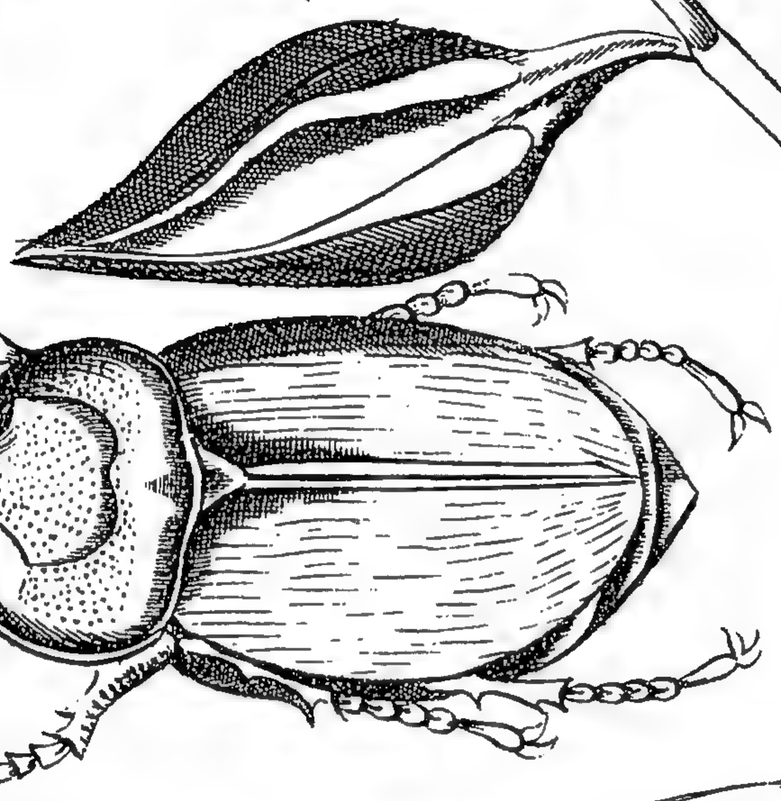
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Fig 1


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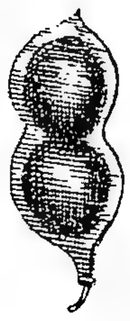

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Fig 2

Tab. XLV

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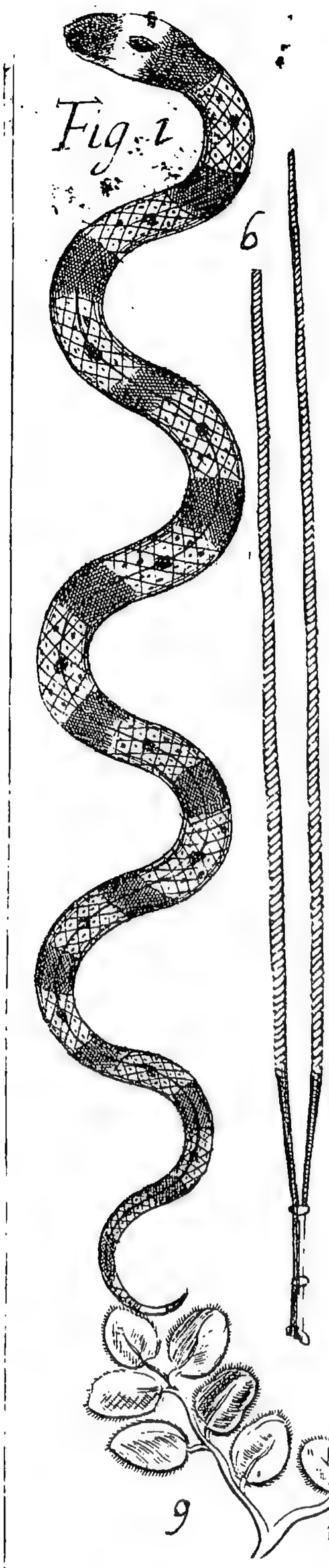
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TABULA I

Fig. 1



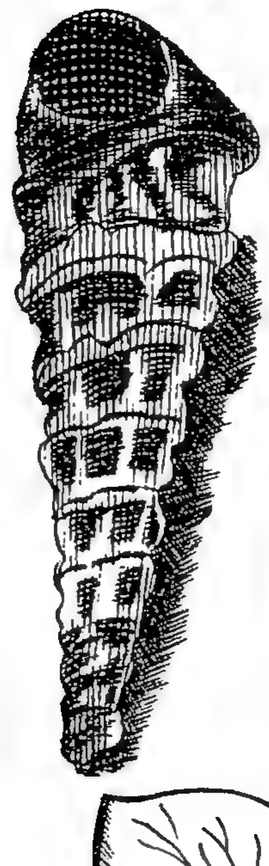
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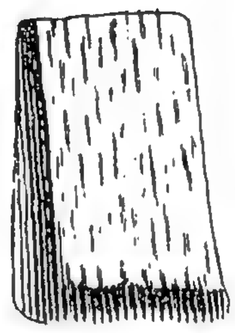
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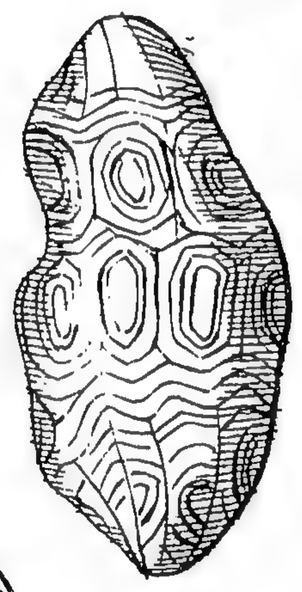
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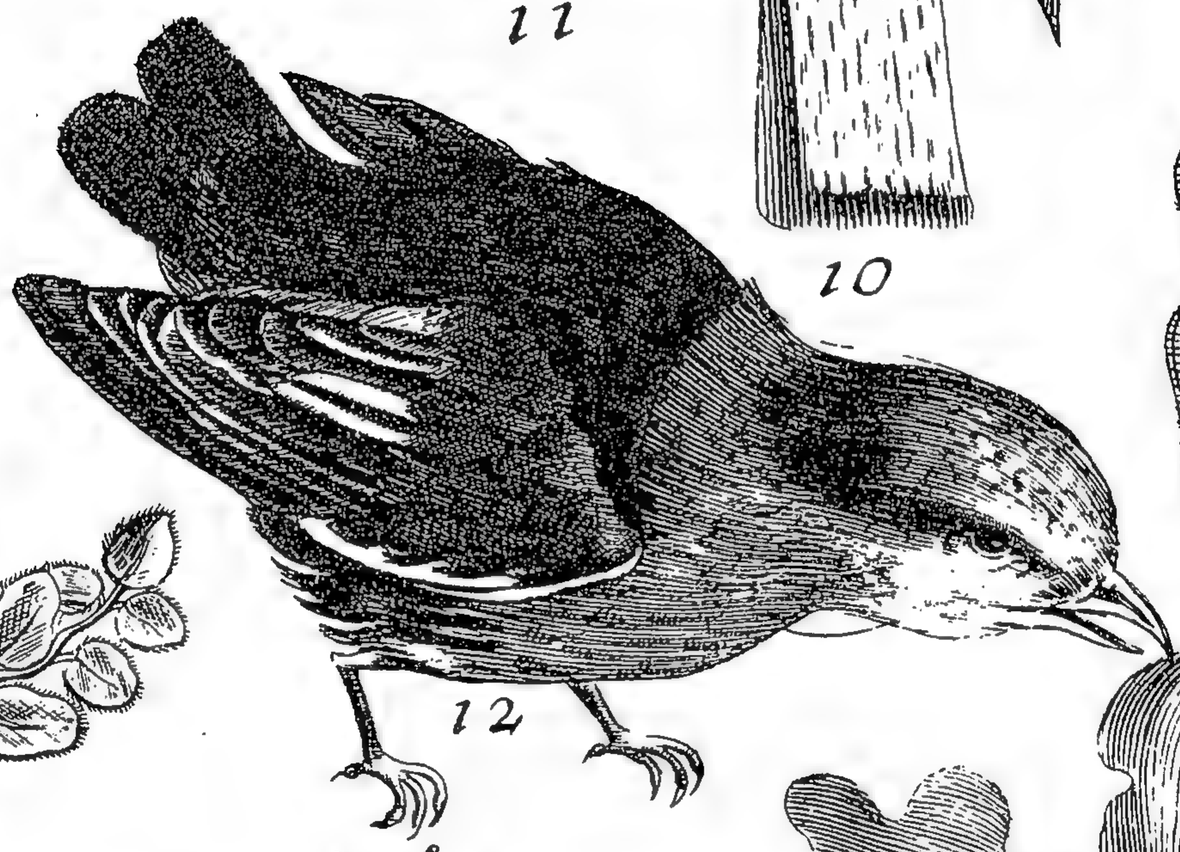
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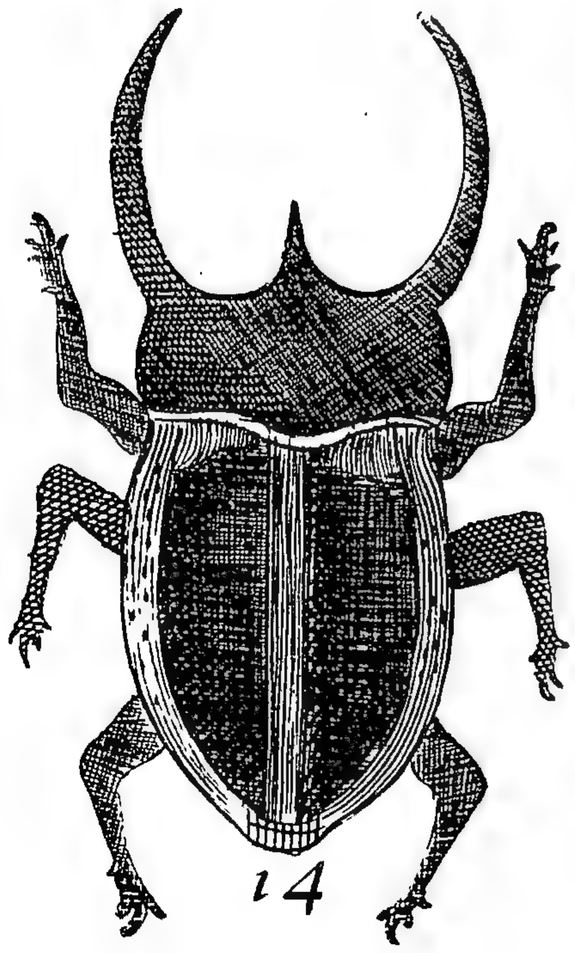


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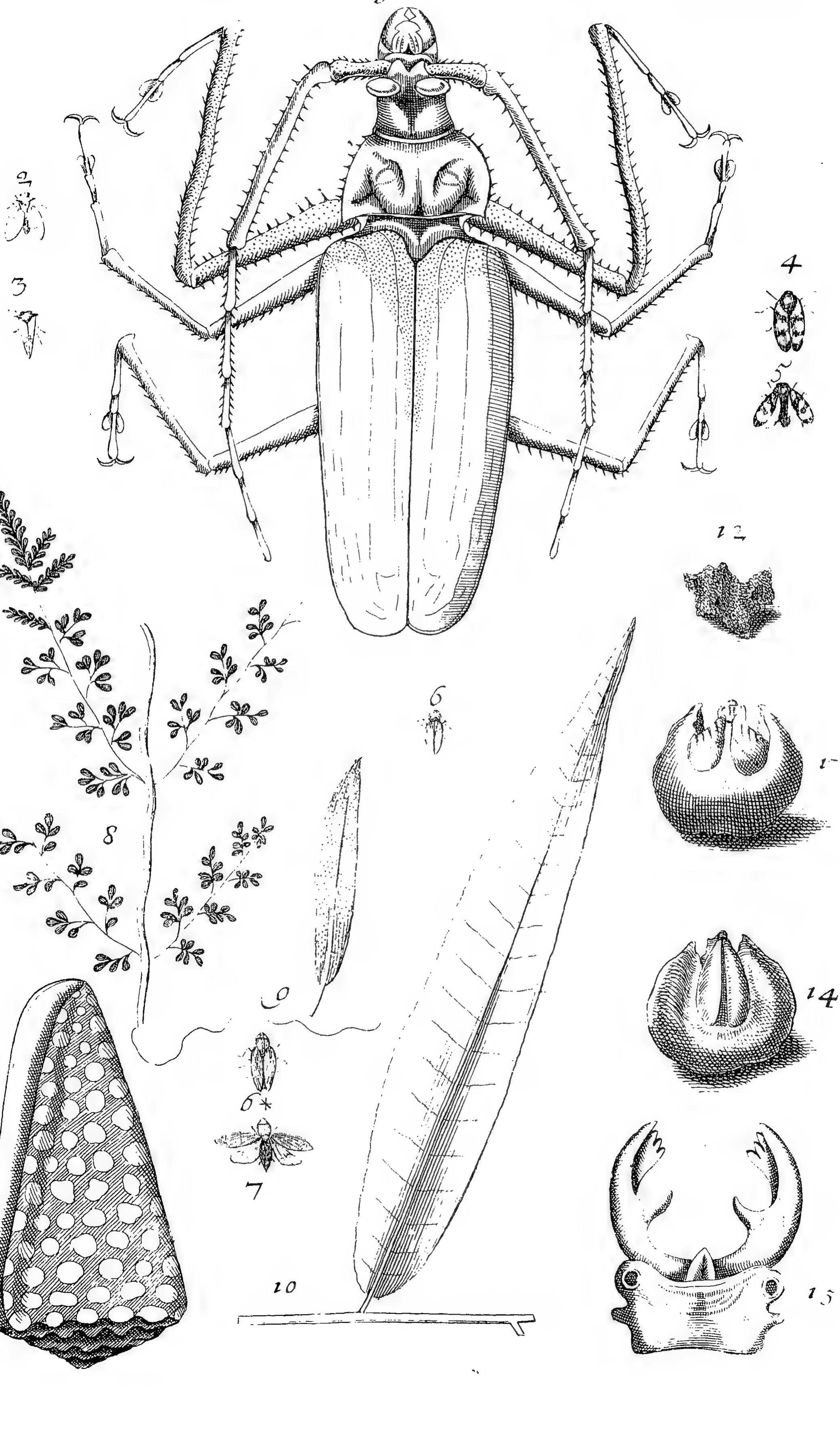
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Fig 1

Tab XLVII



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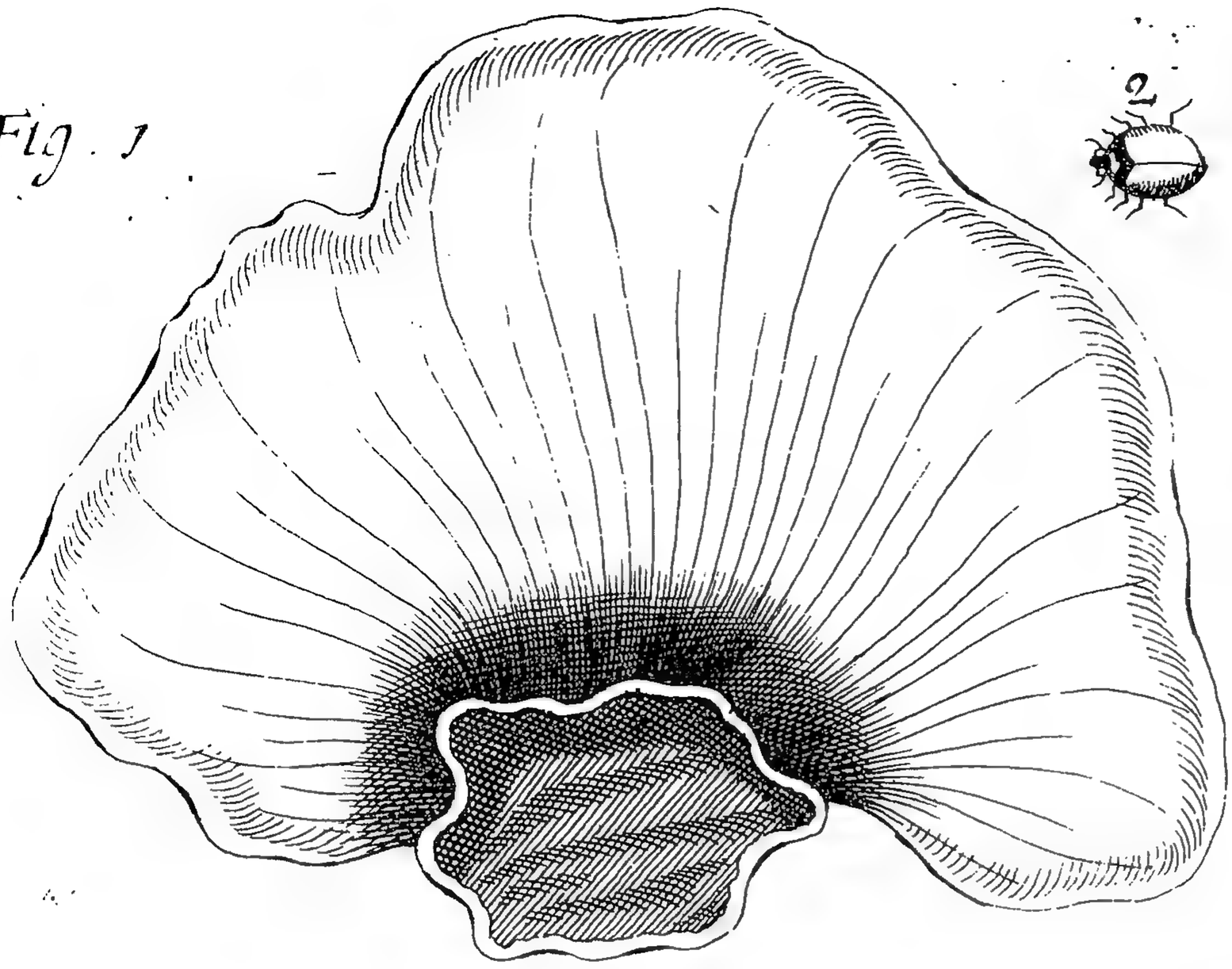
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Fig. 1

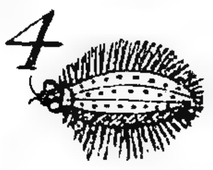


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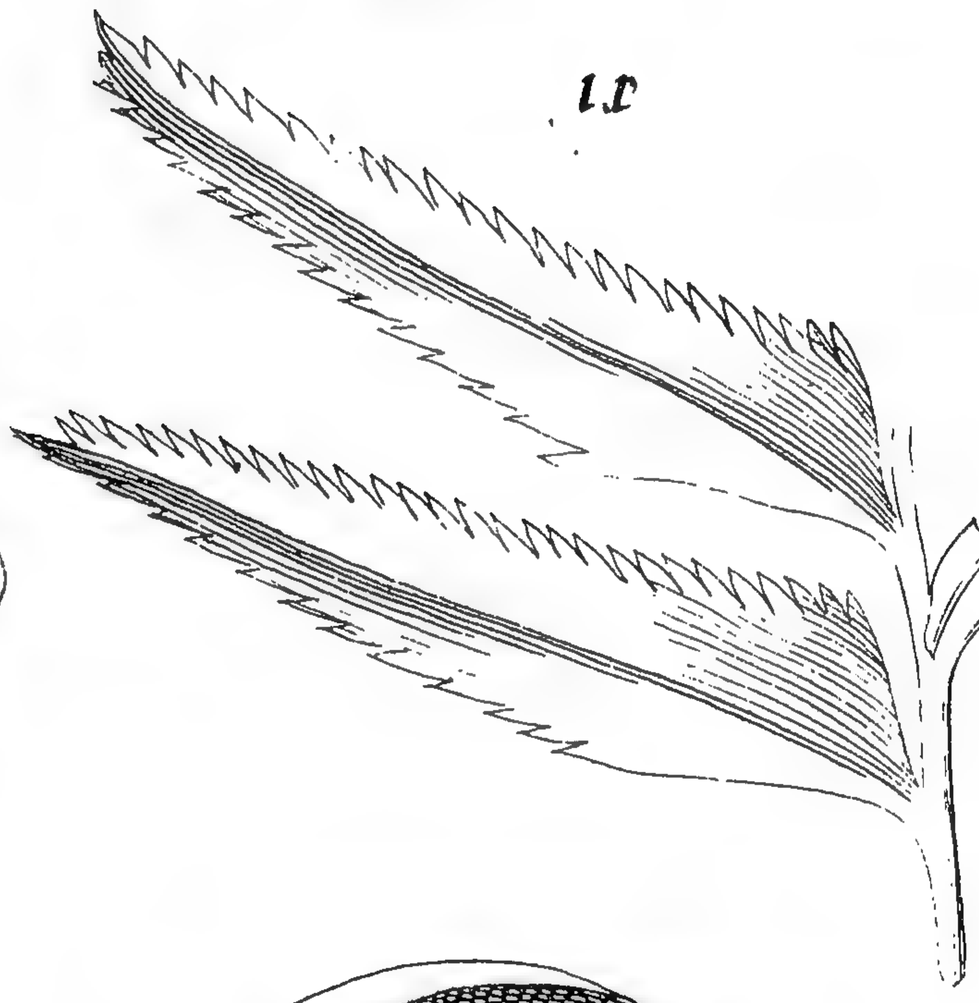


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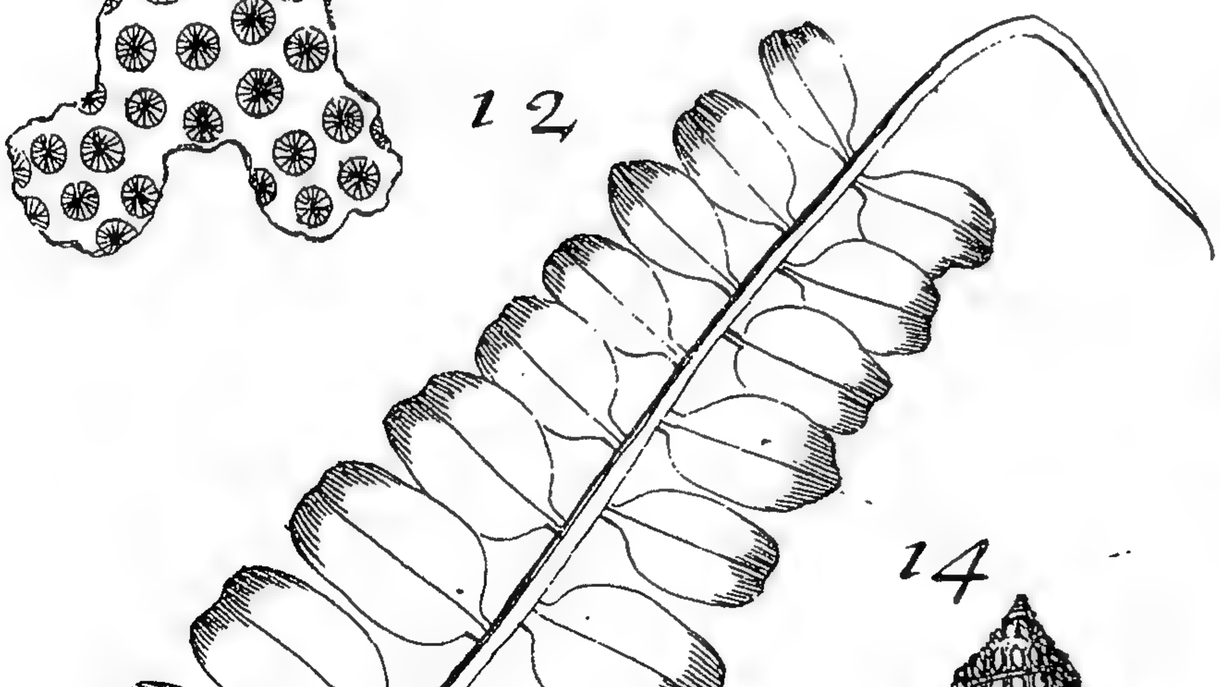
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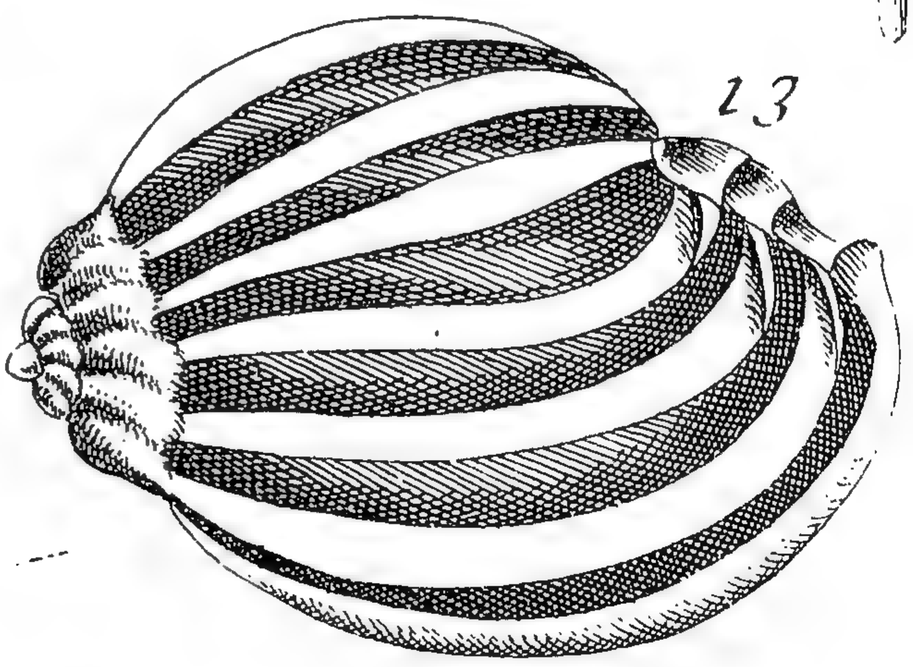
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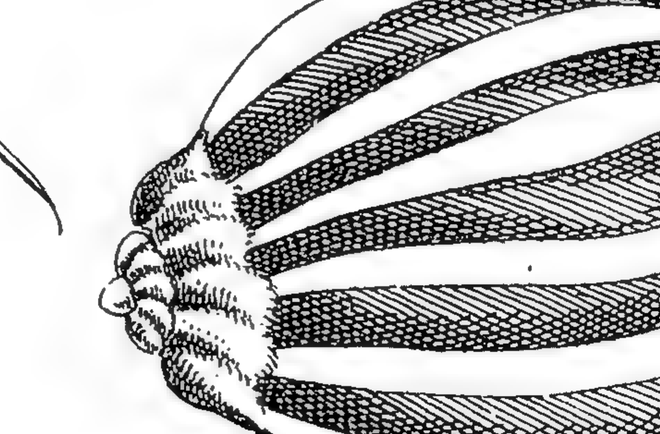


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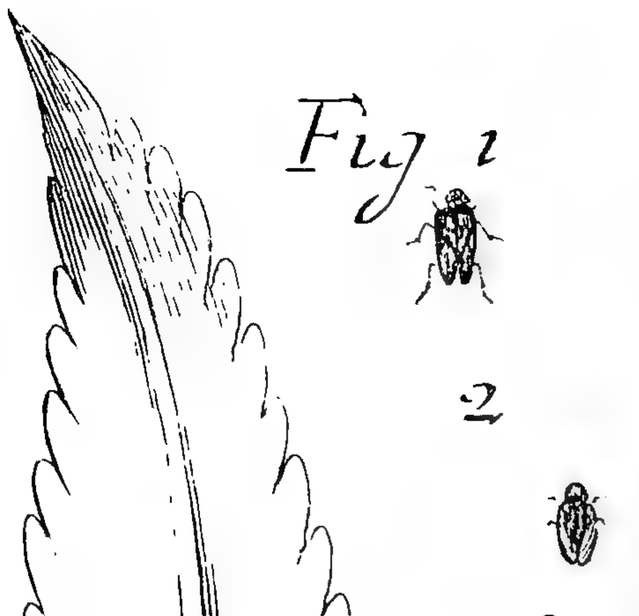


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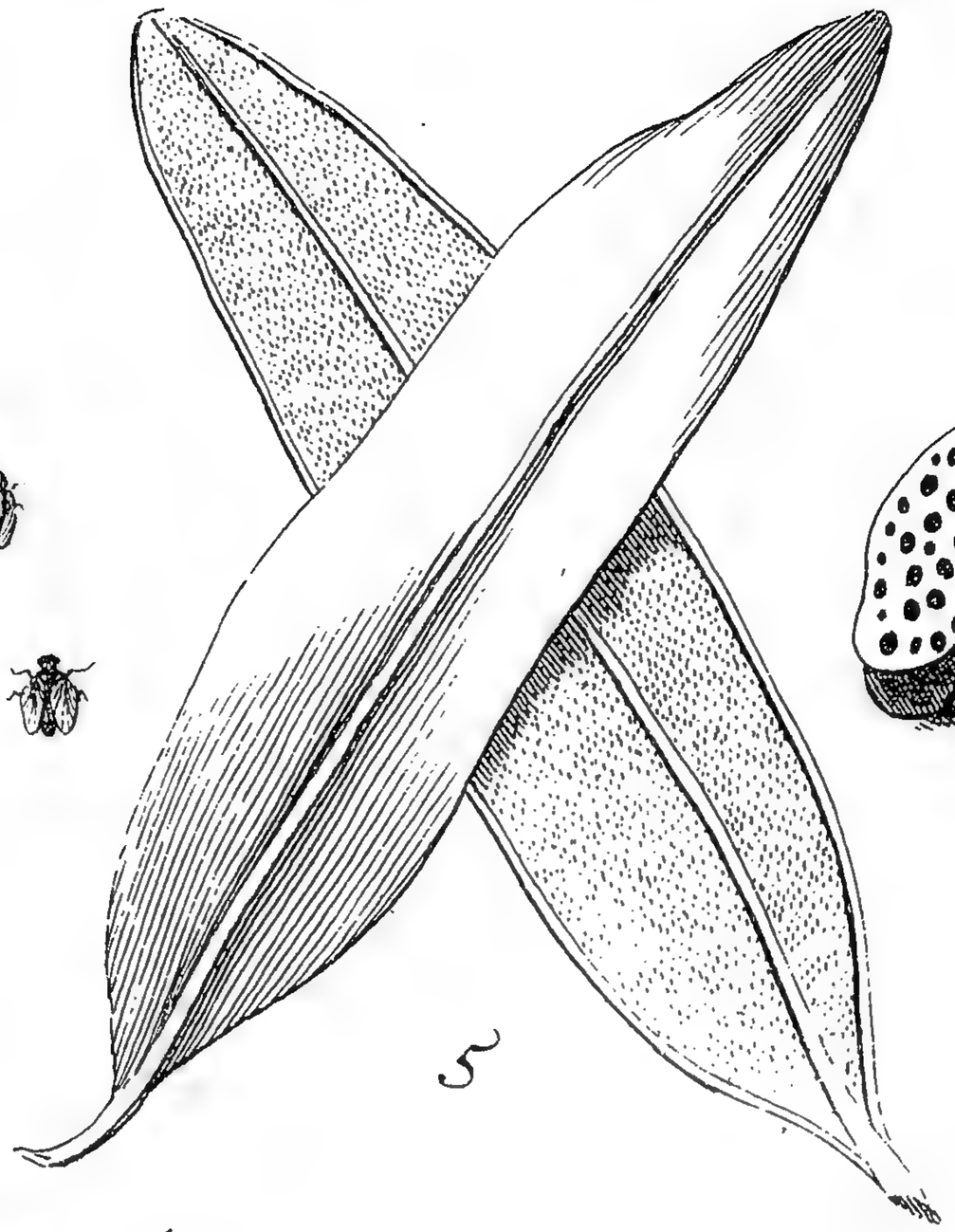
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Fig 1



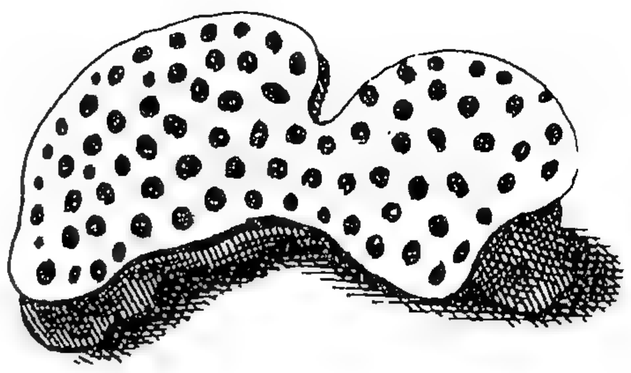
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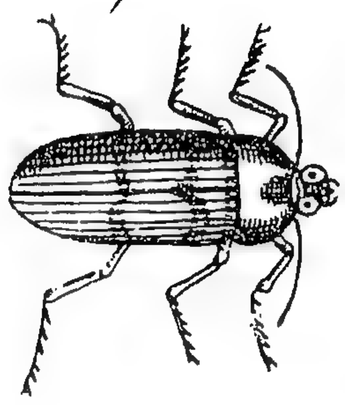


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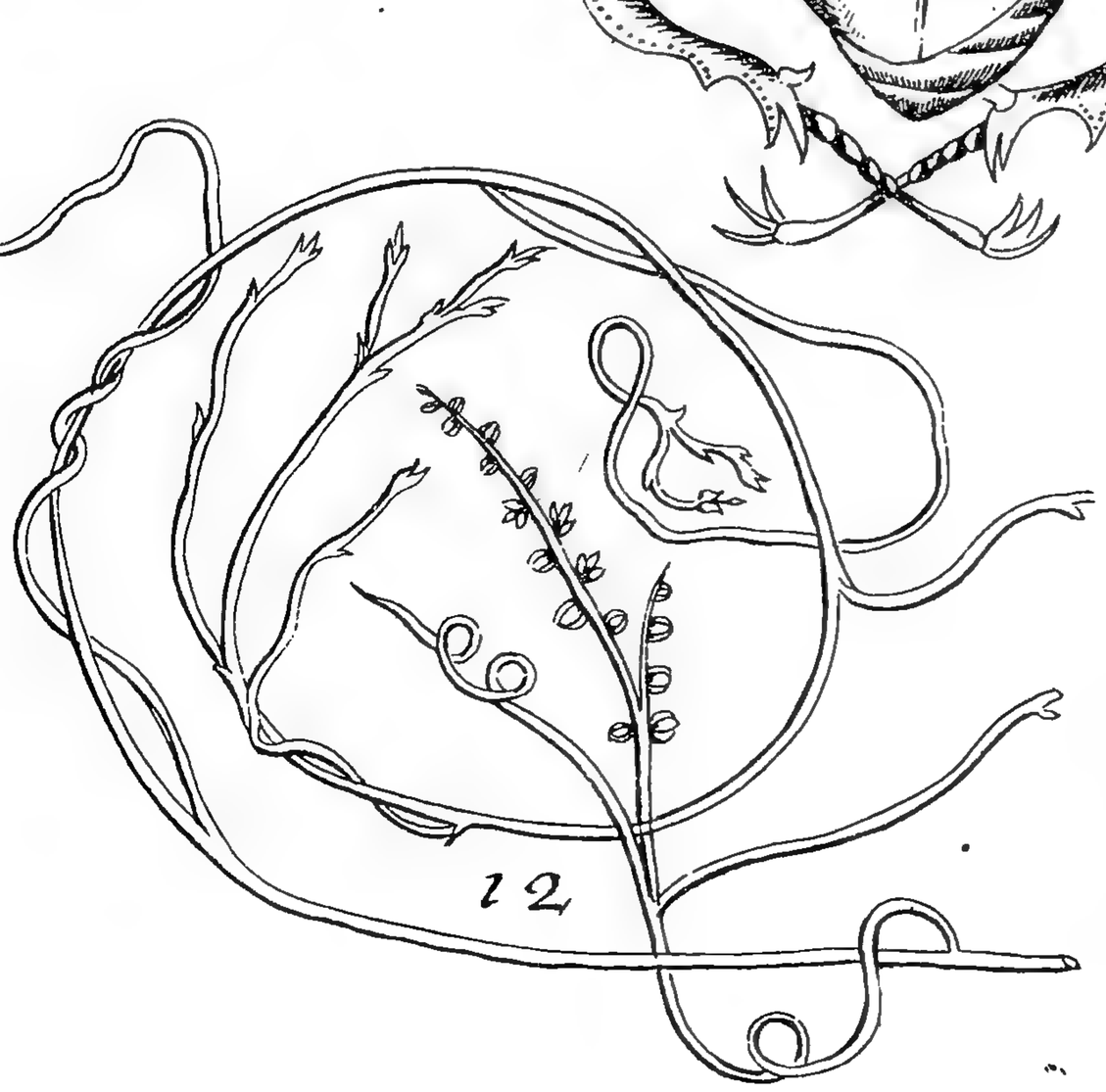
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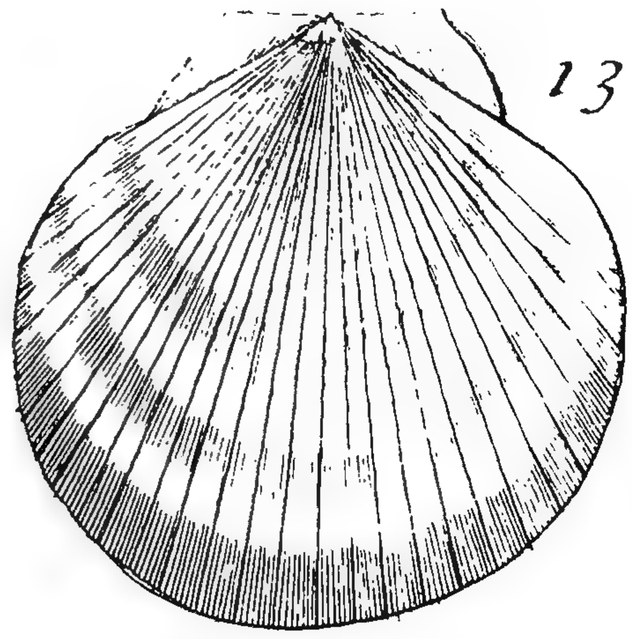
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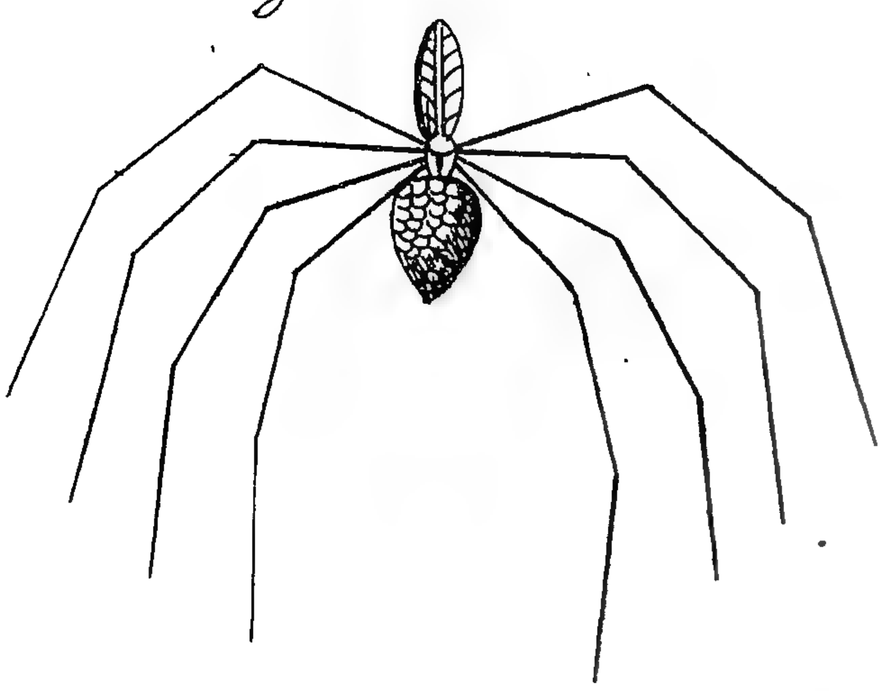


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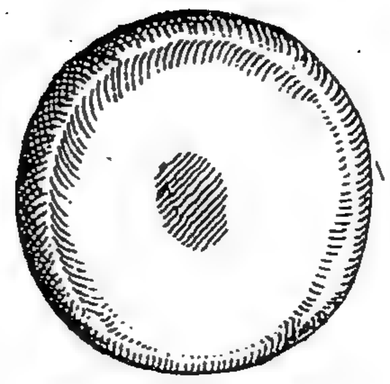


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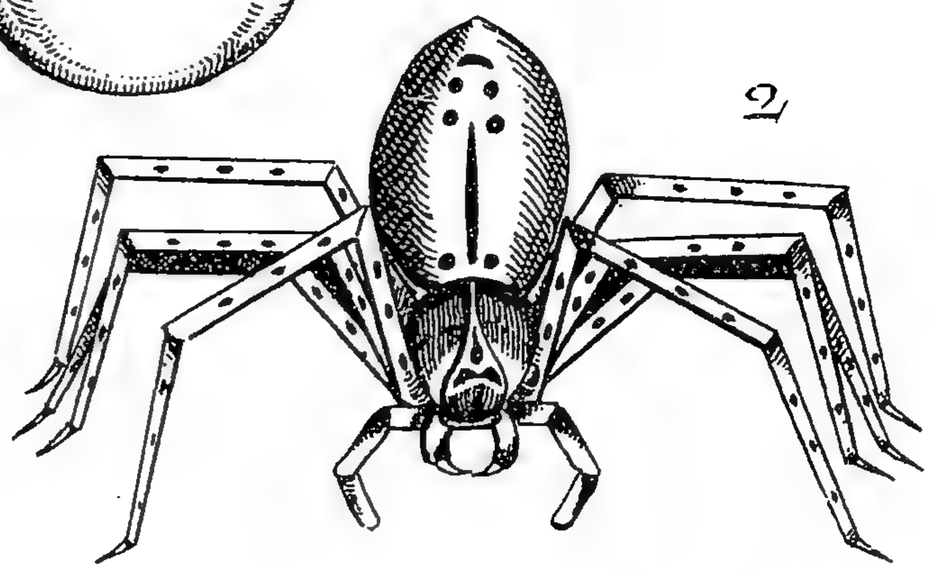
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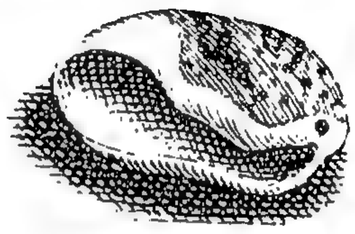


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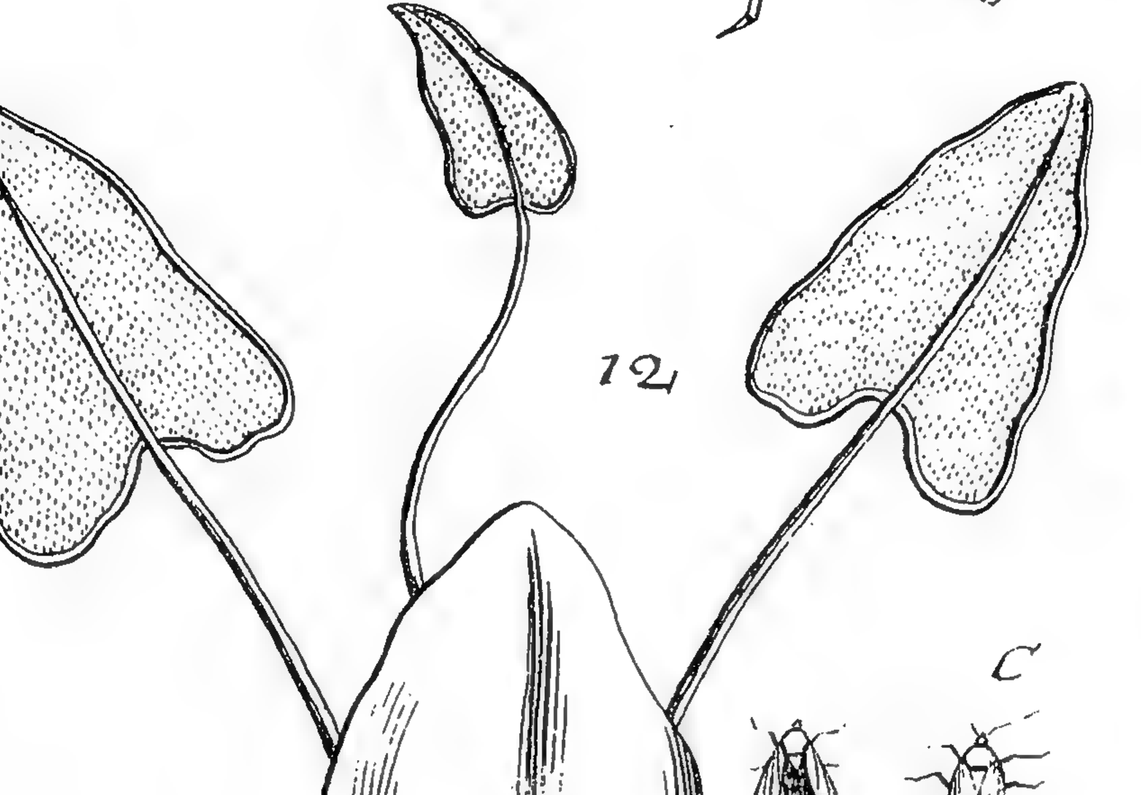
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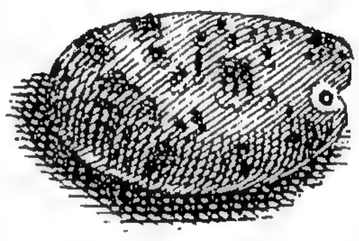
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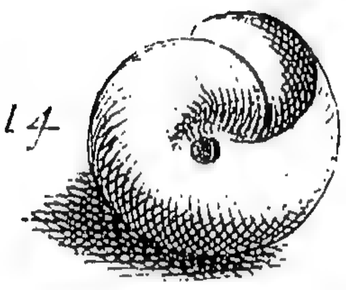




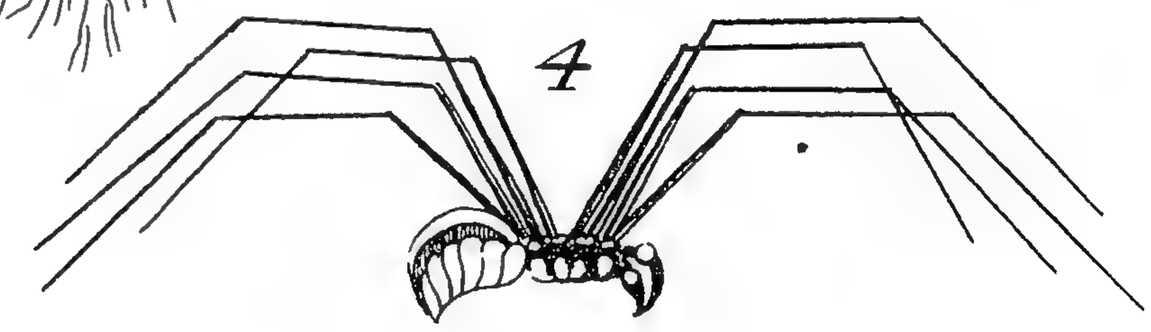
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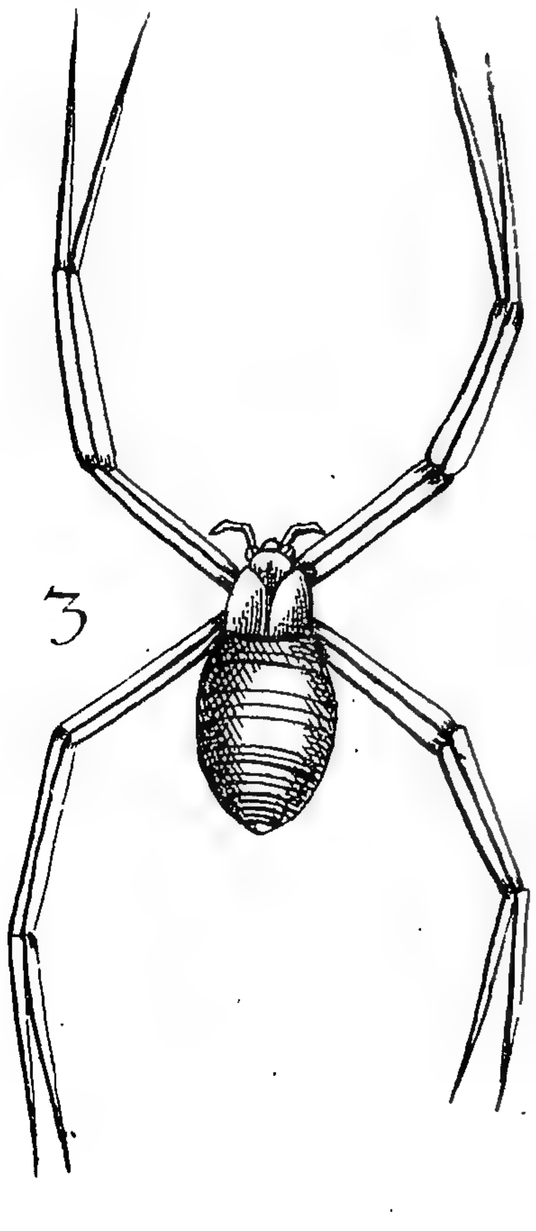
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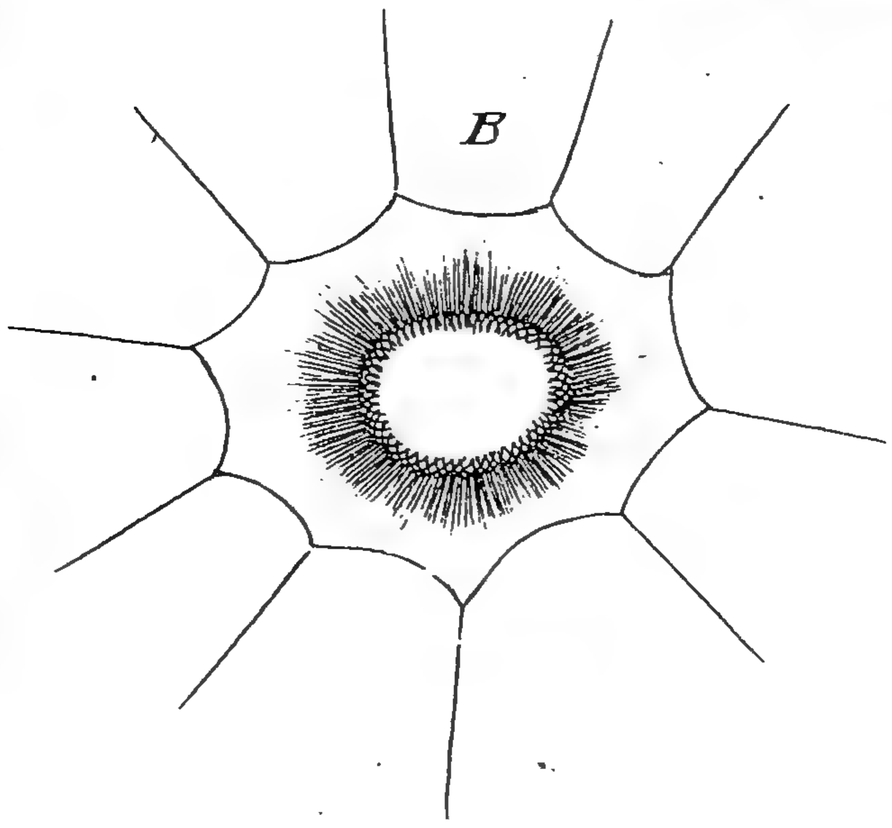
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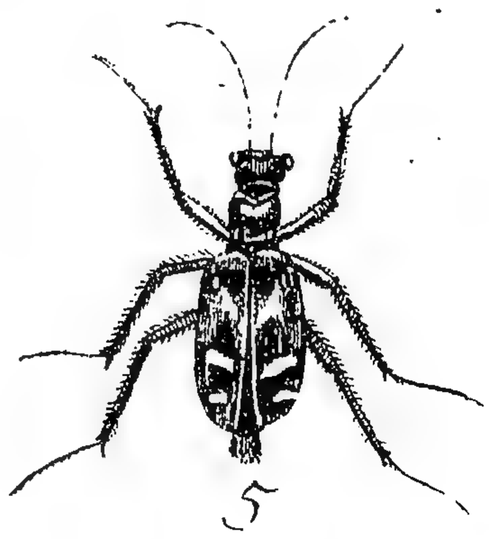
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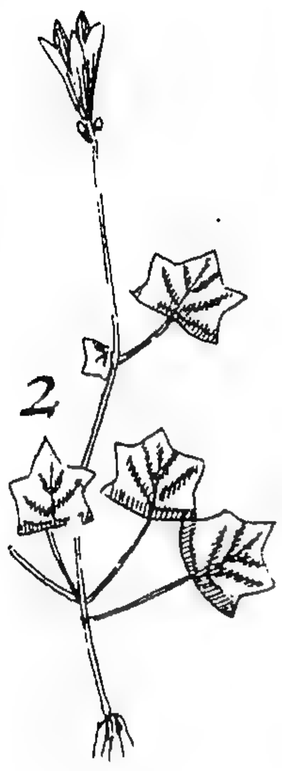
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MR JOHN RAY. F.R.S.

FIG. 1.

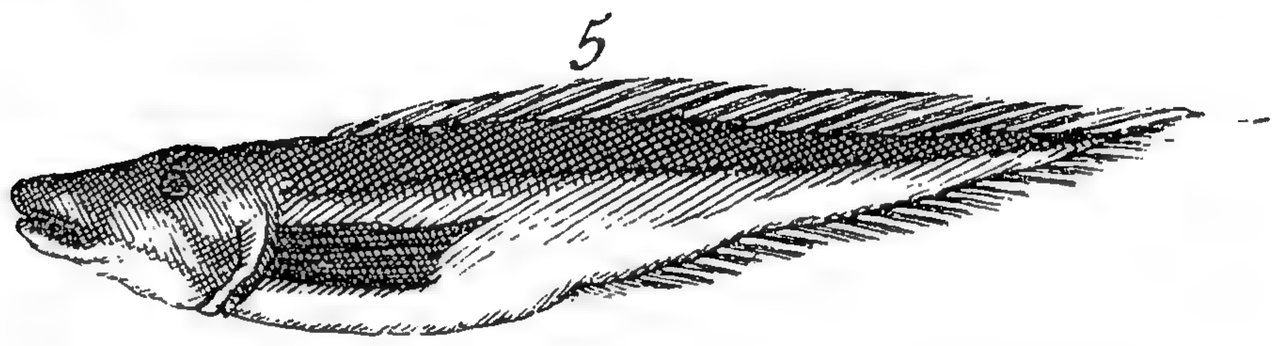


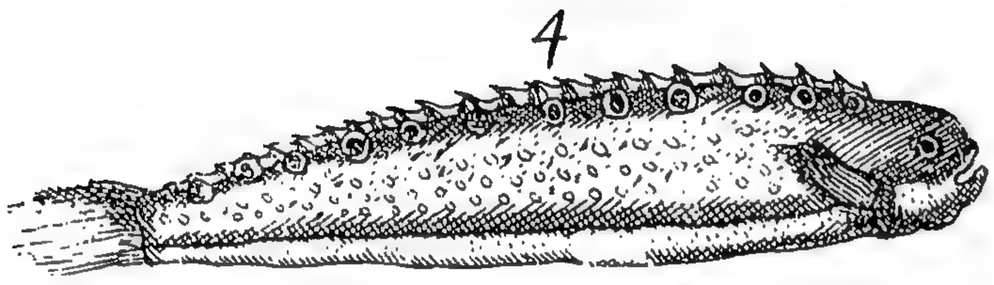


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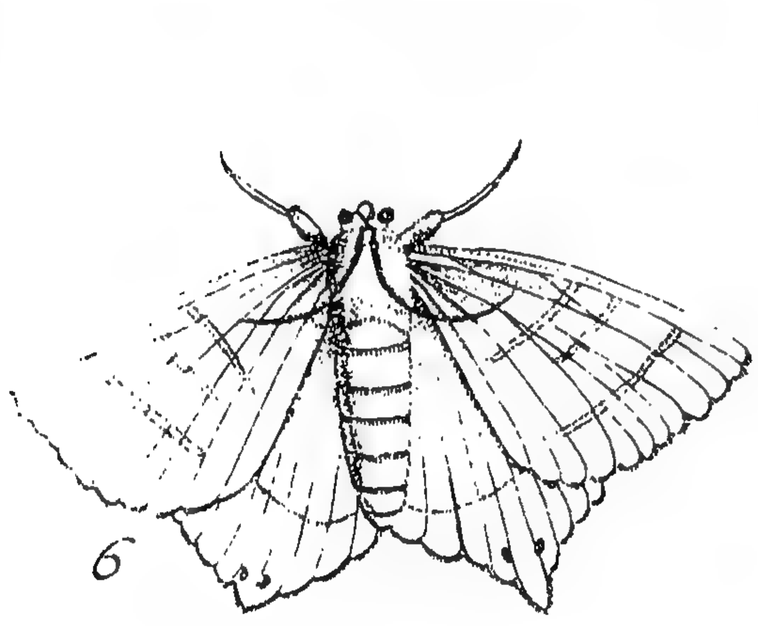


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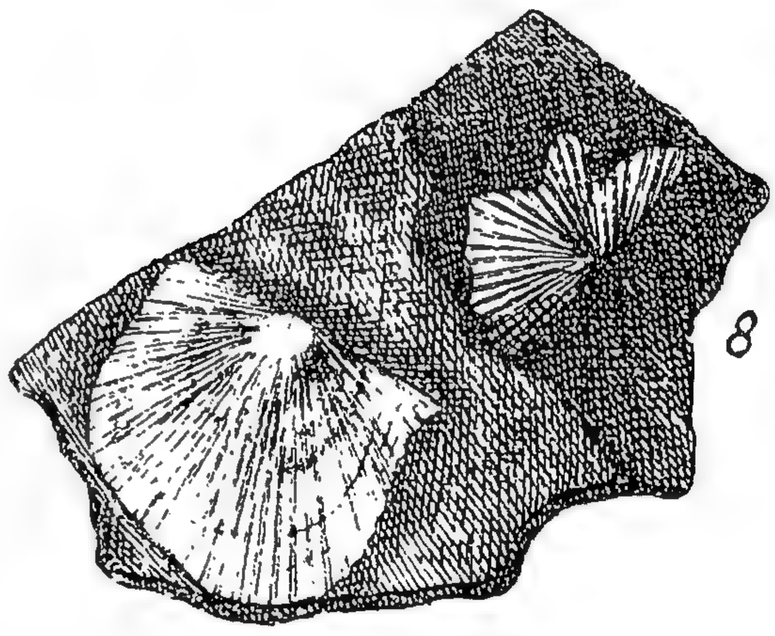
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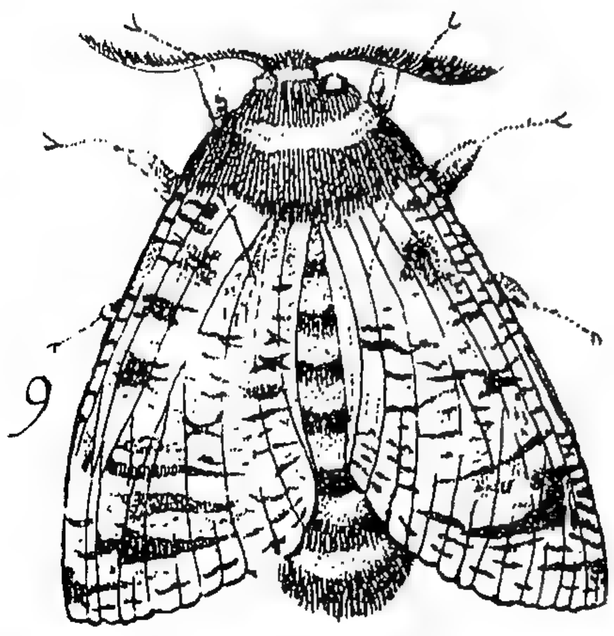
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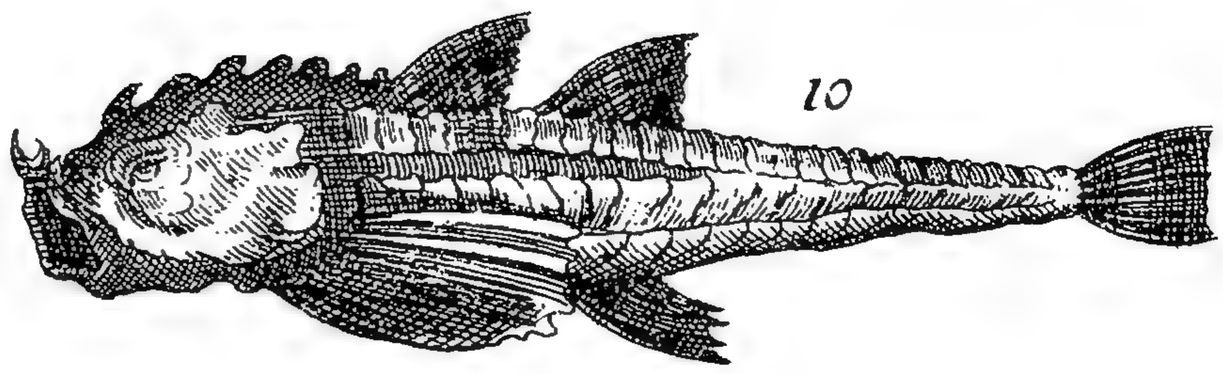
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TAB. LII

Fig. 1

Tab LIII

Fig 1

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Tab LIV

Fig 1

Tab IV

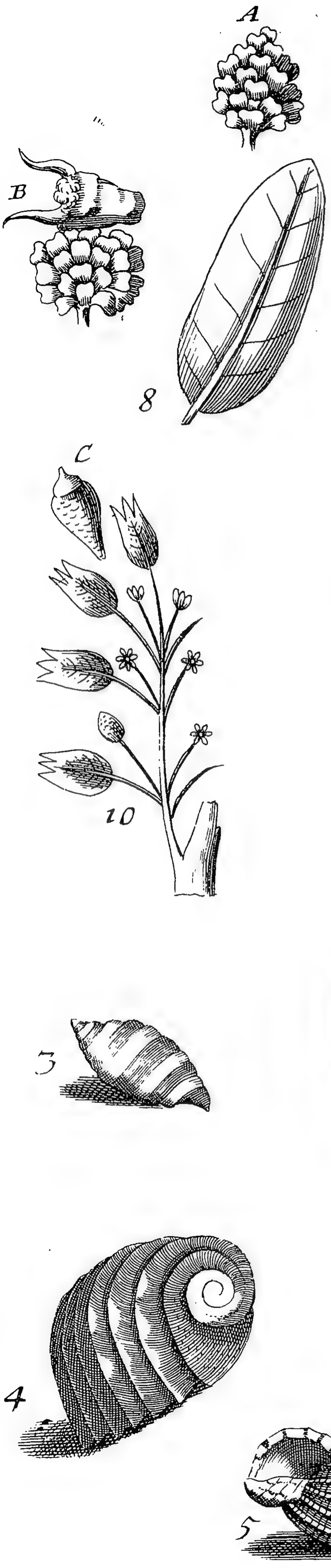
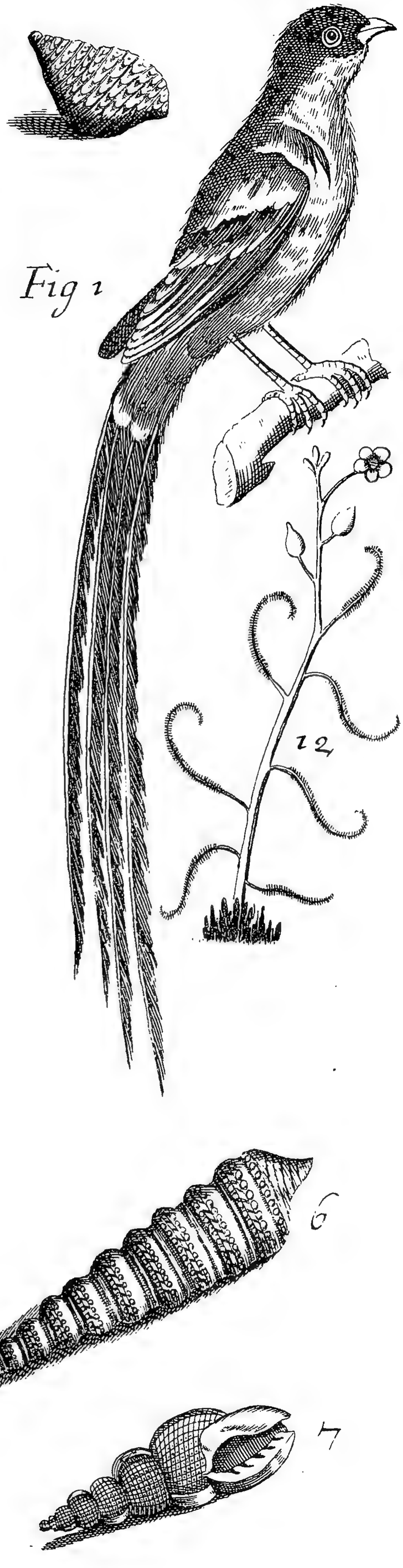
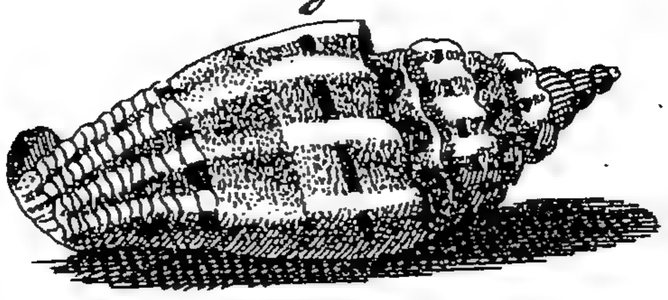


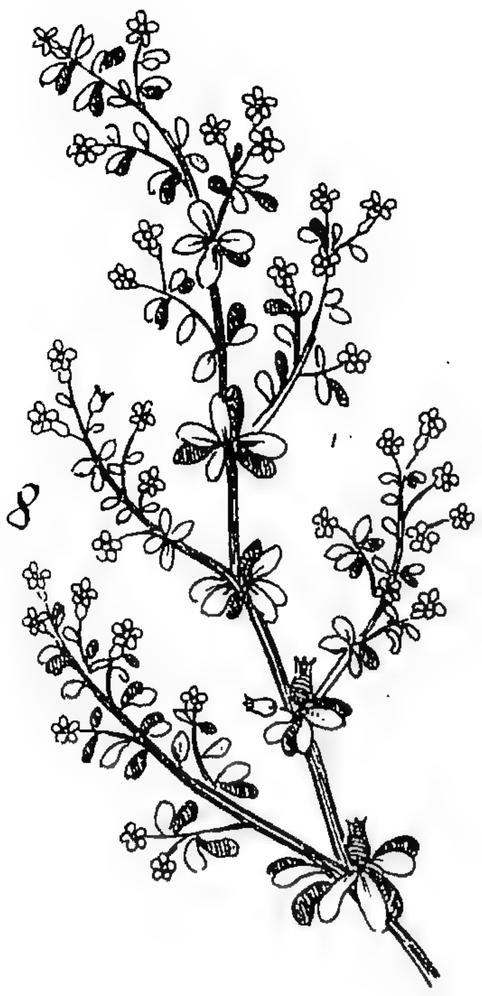
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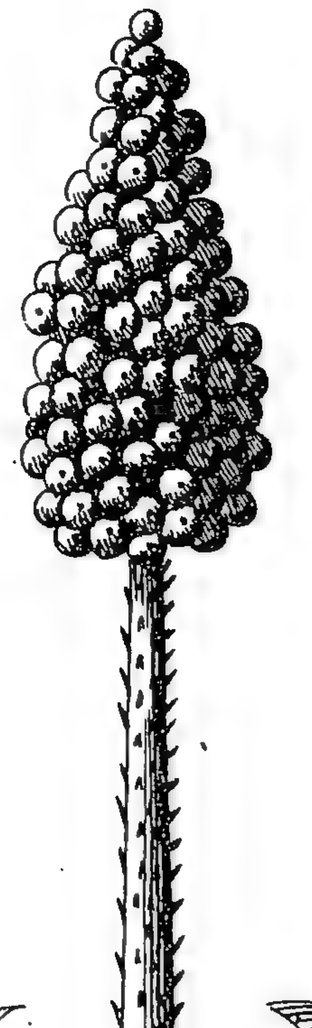
Tab LVI

Fig 1





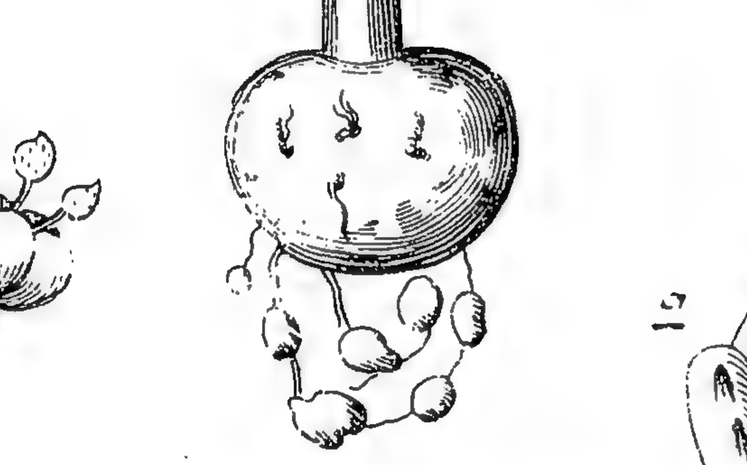
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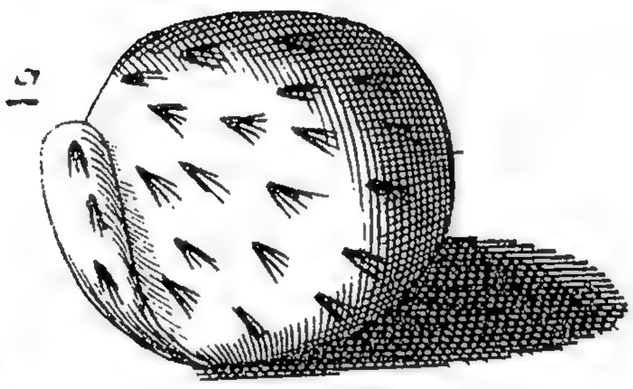
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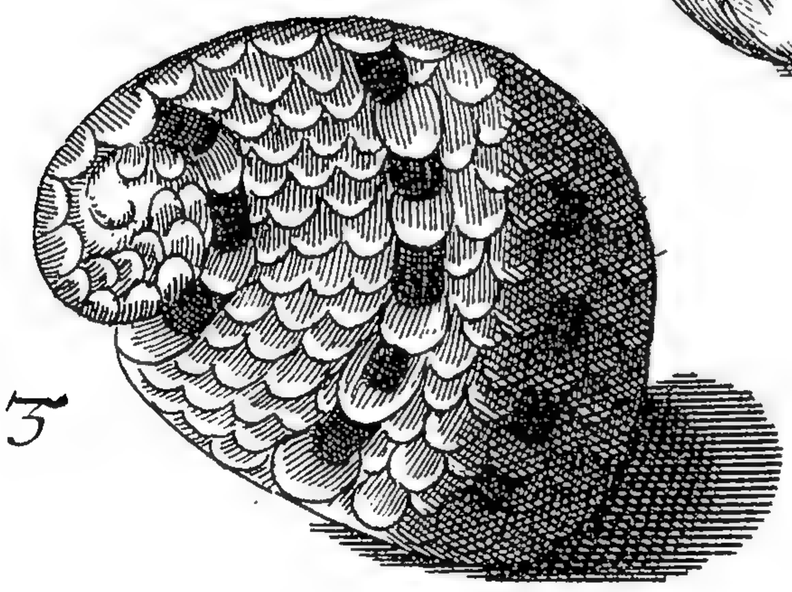




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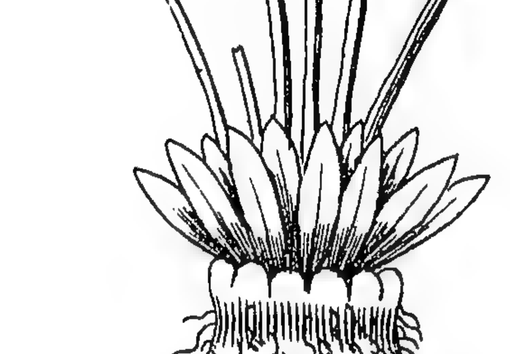


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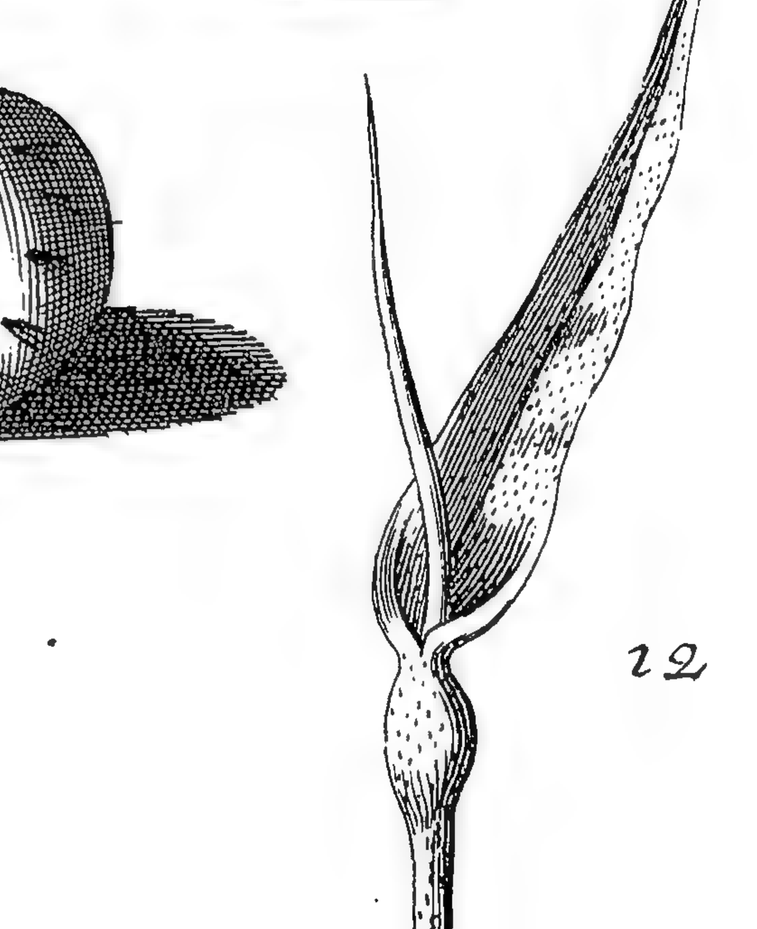


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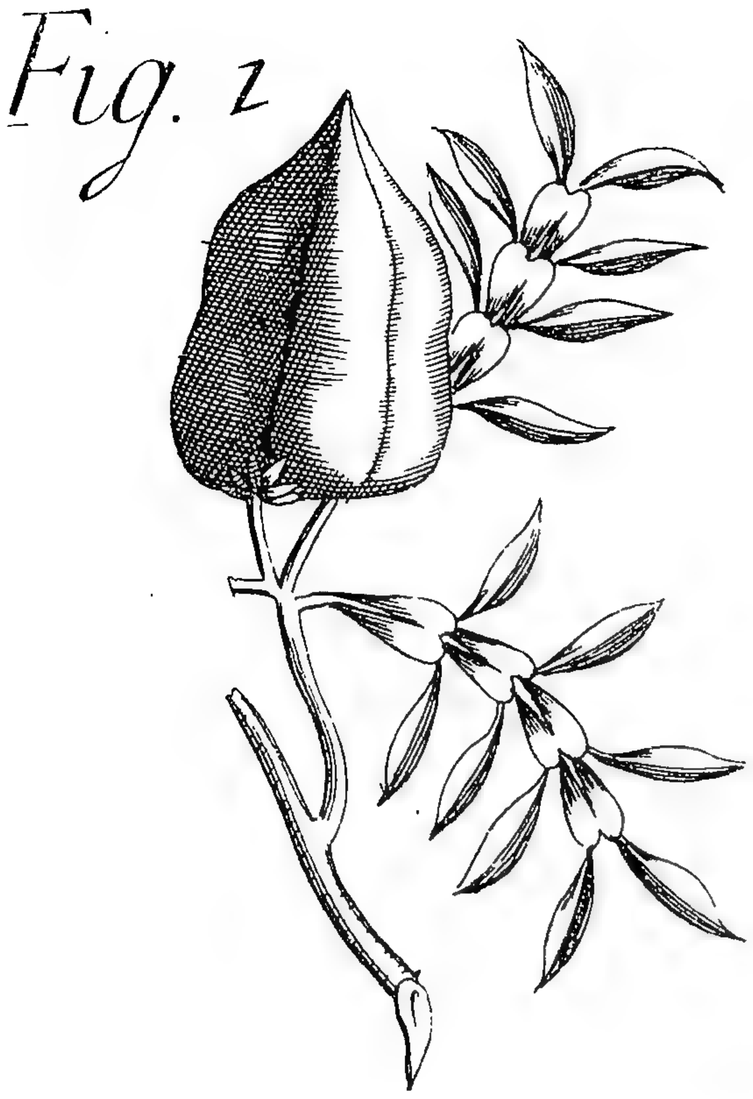


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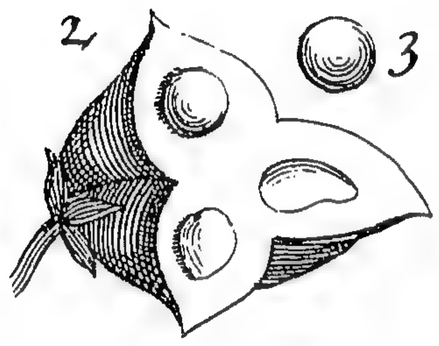
Tab. LVII

Fig. 1



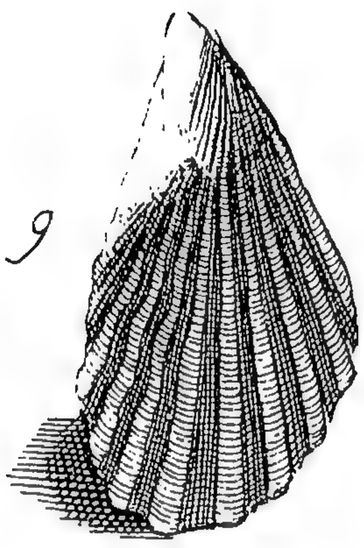


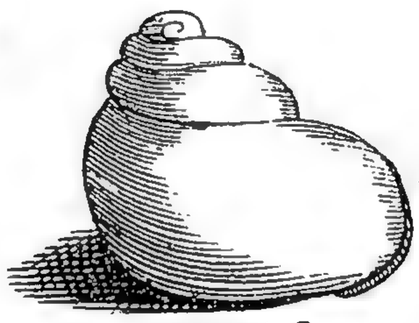




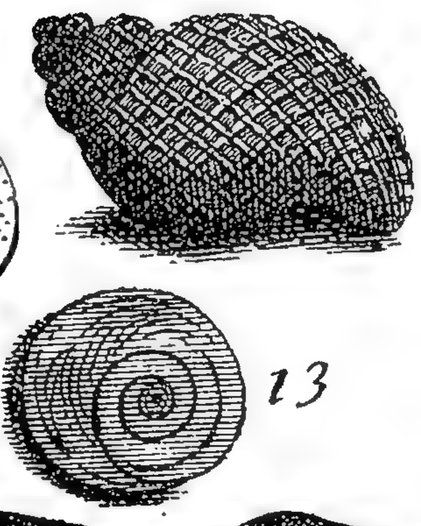


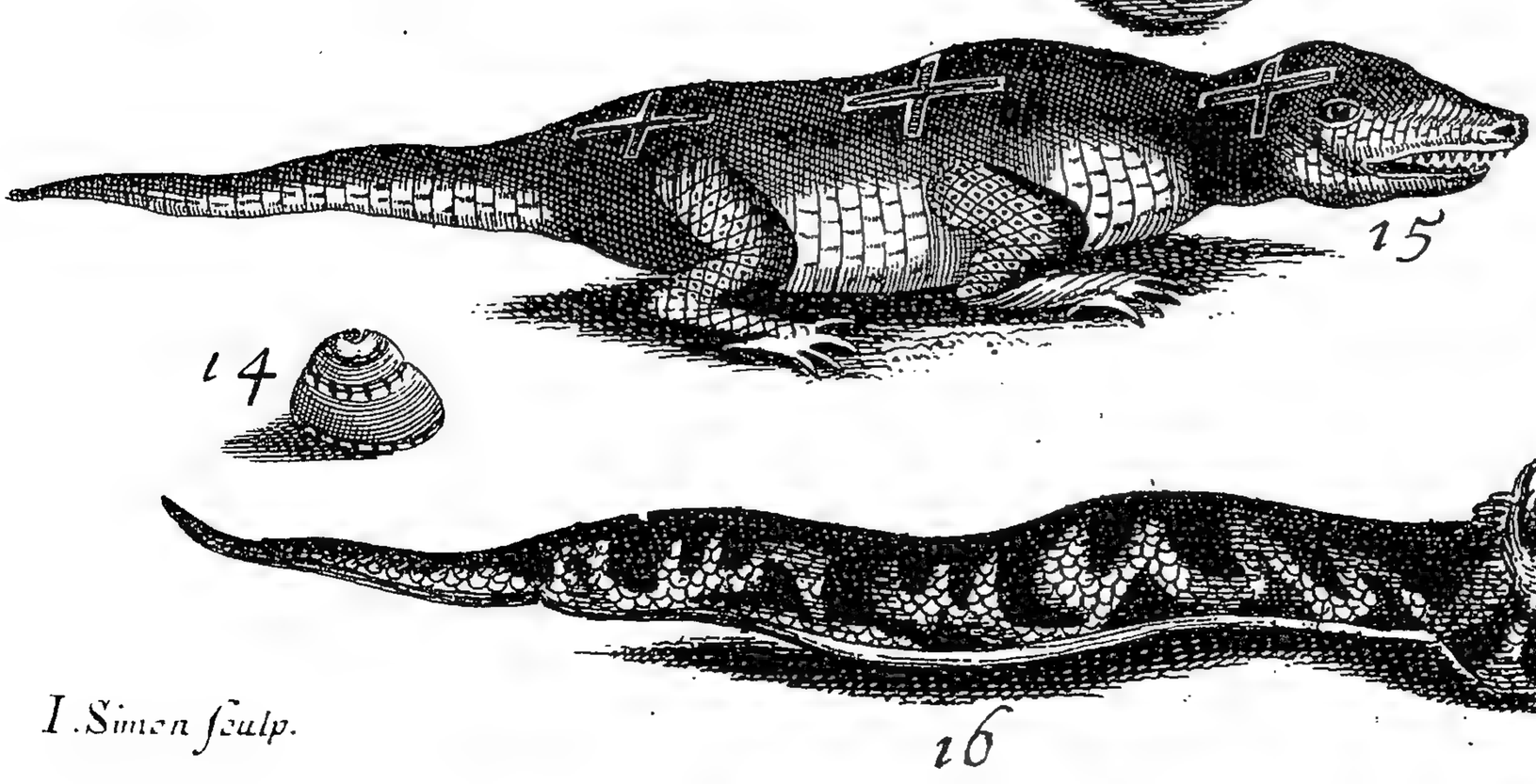


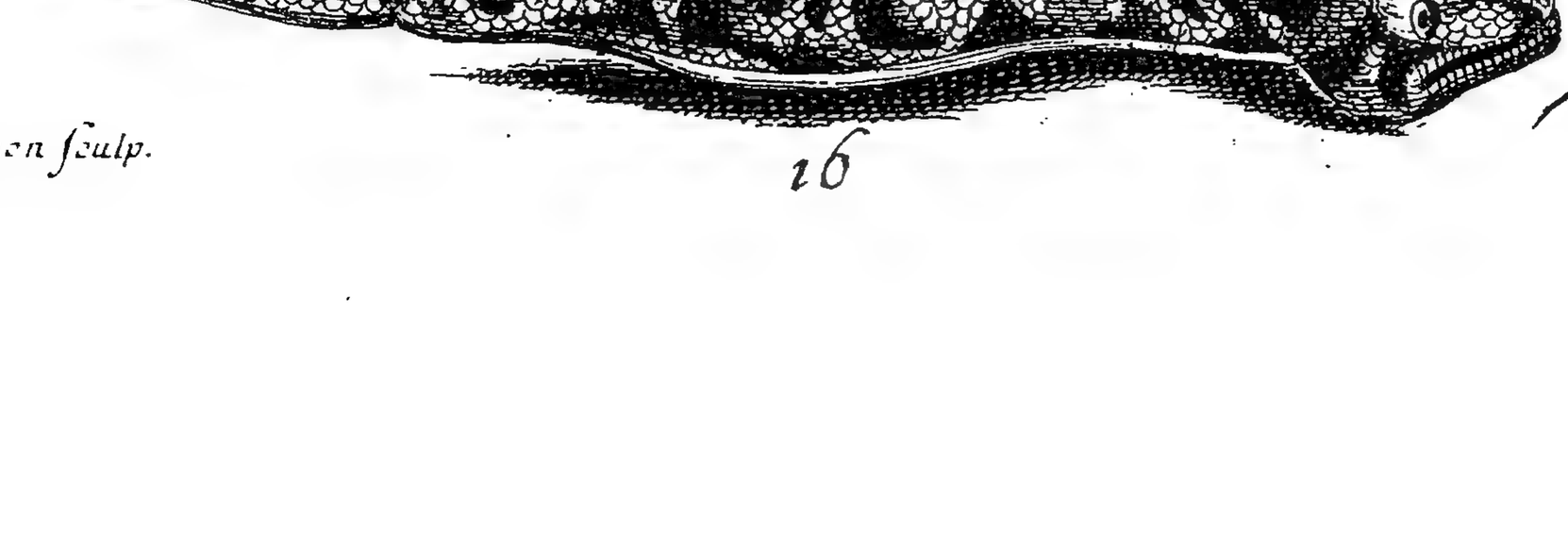


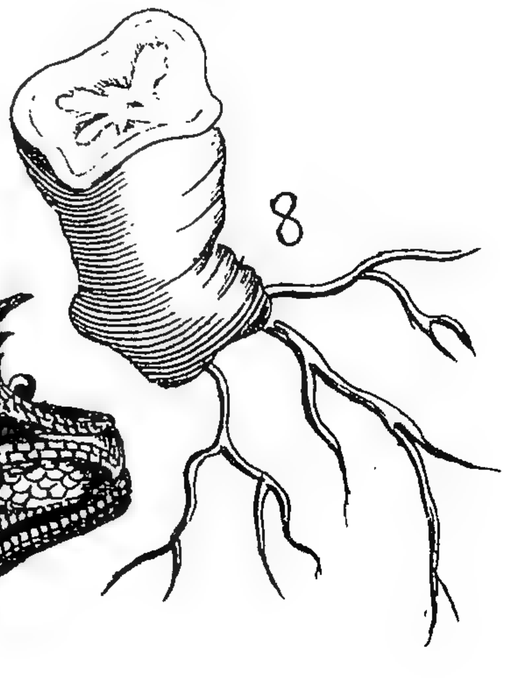








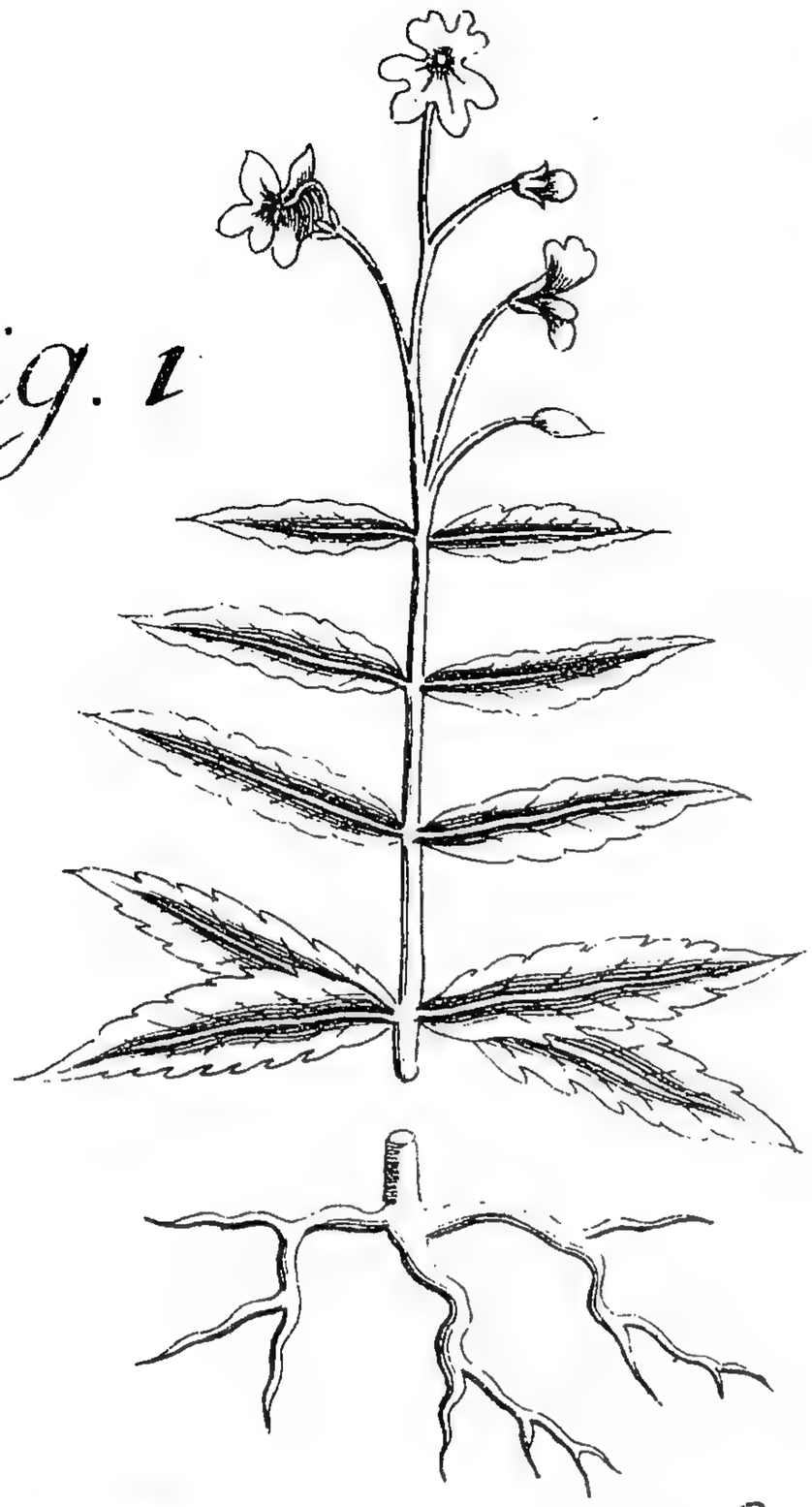




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Tab. LVIII

Fig. 1

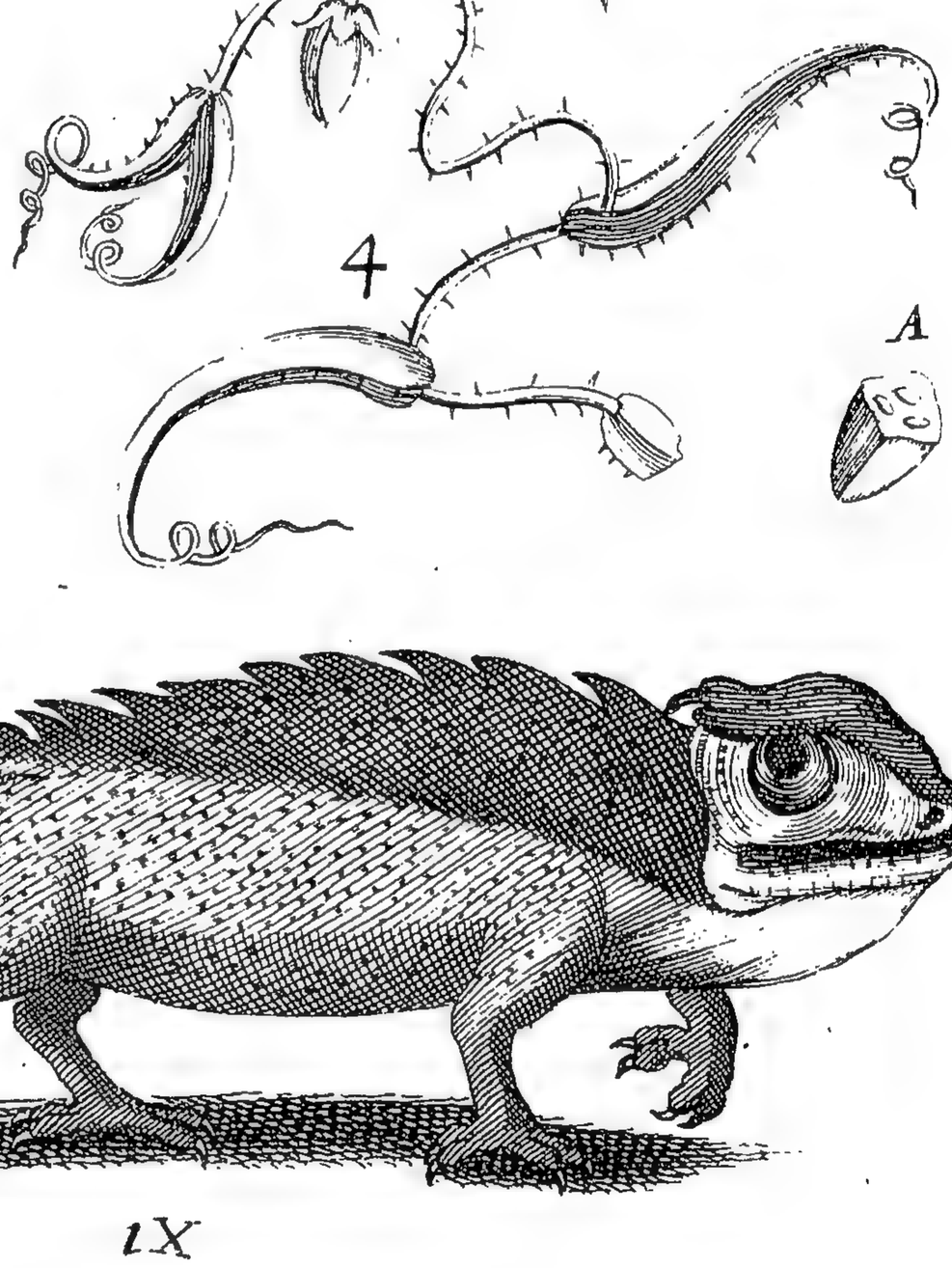




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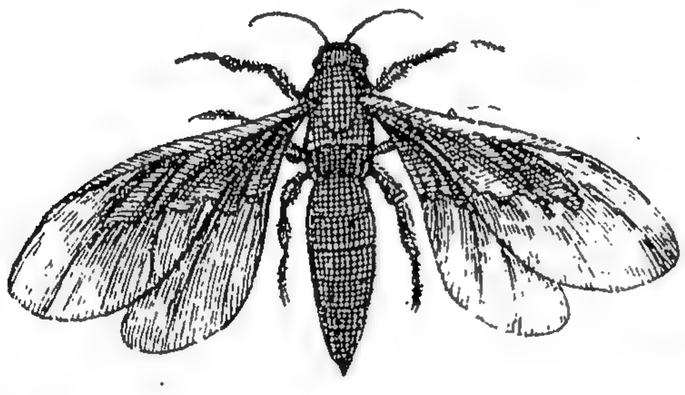
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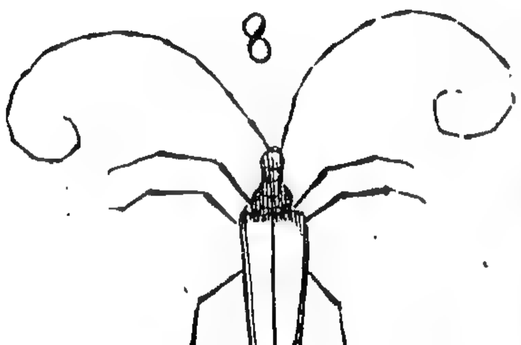
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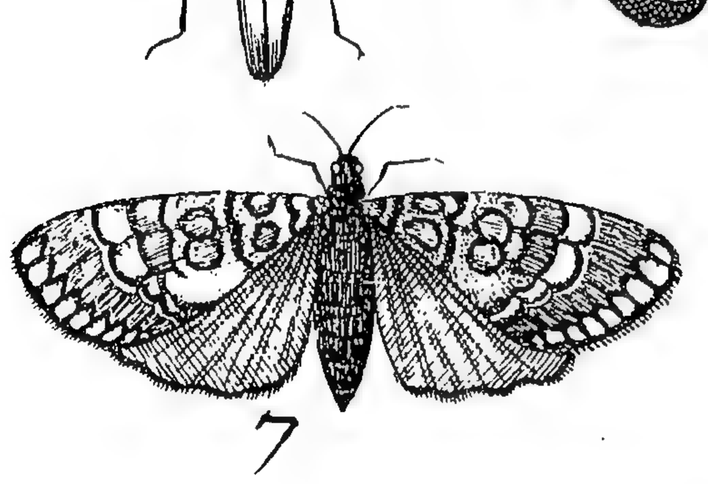
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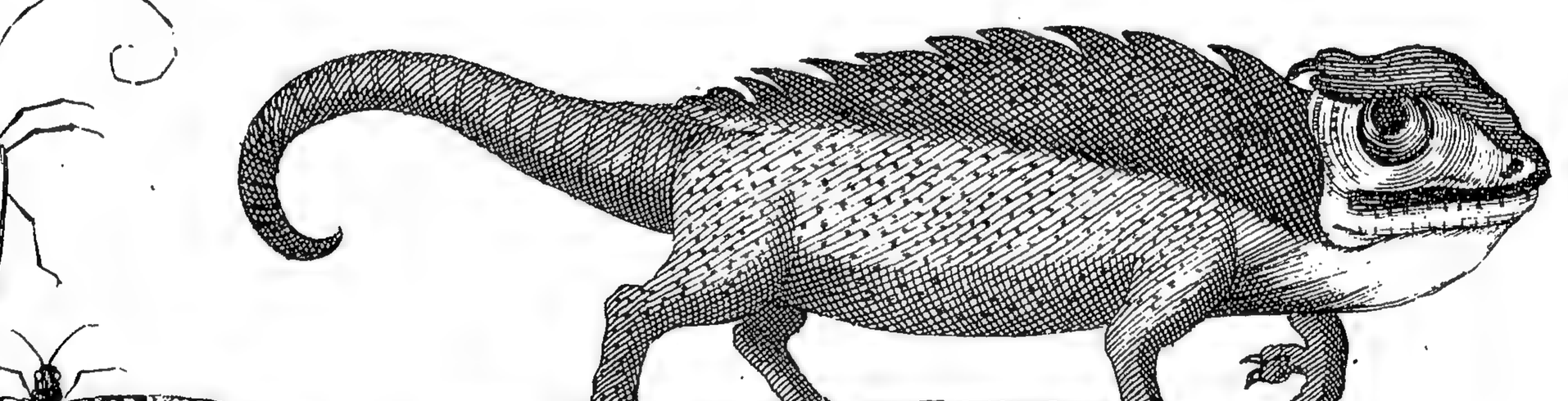
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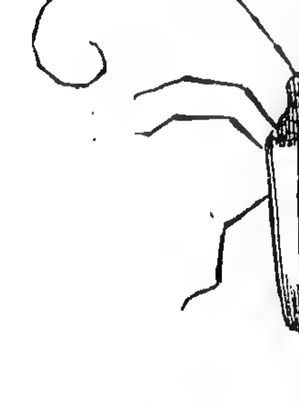
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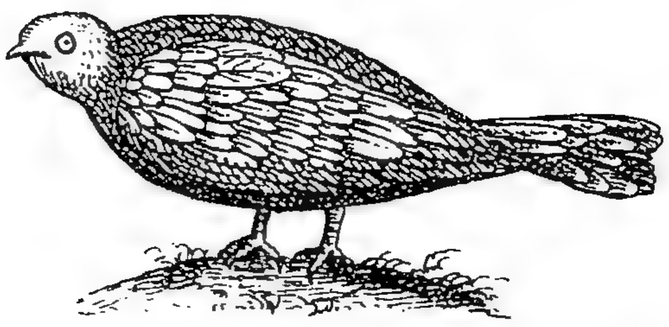
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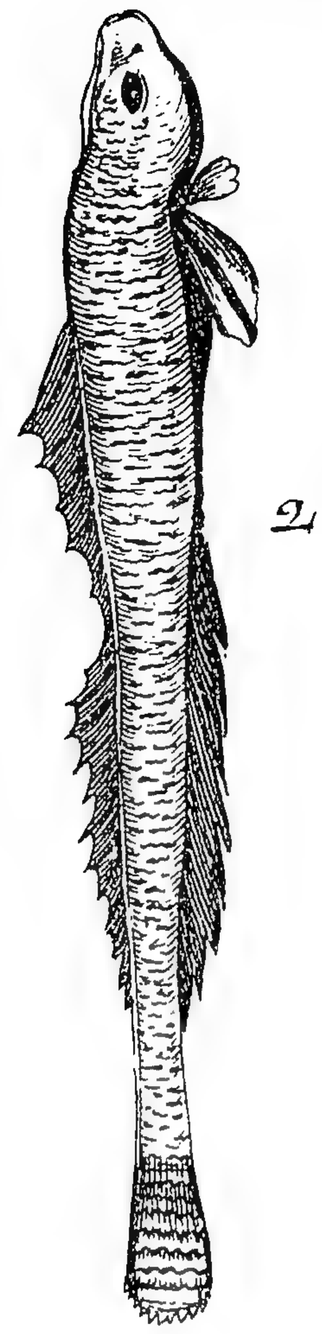


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Fig 1

Tab LIX





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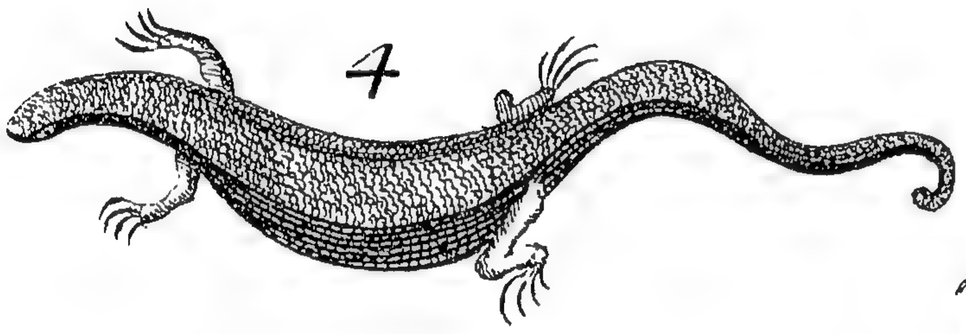
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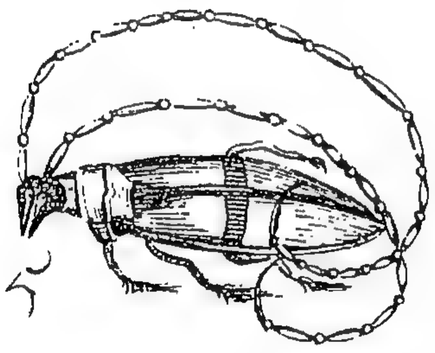
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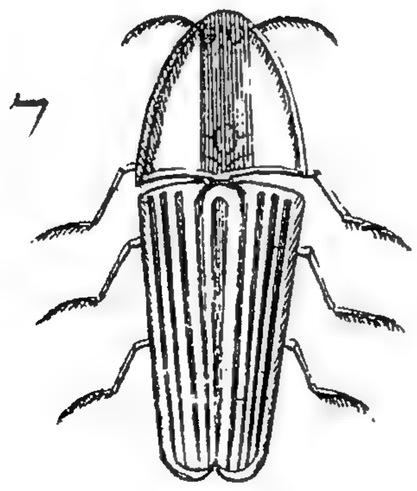
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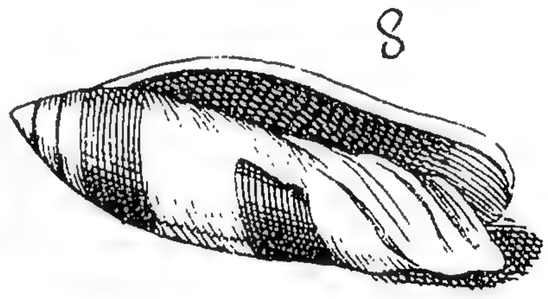
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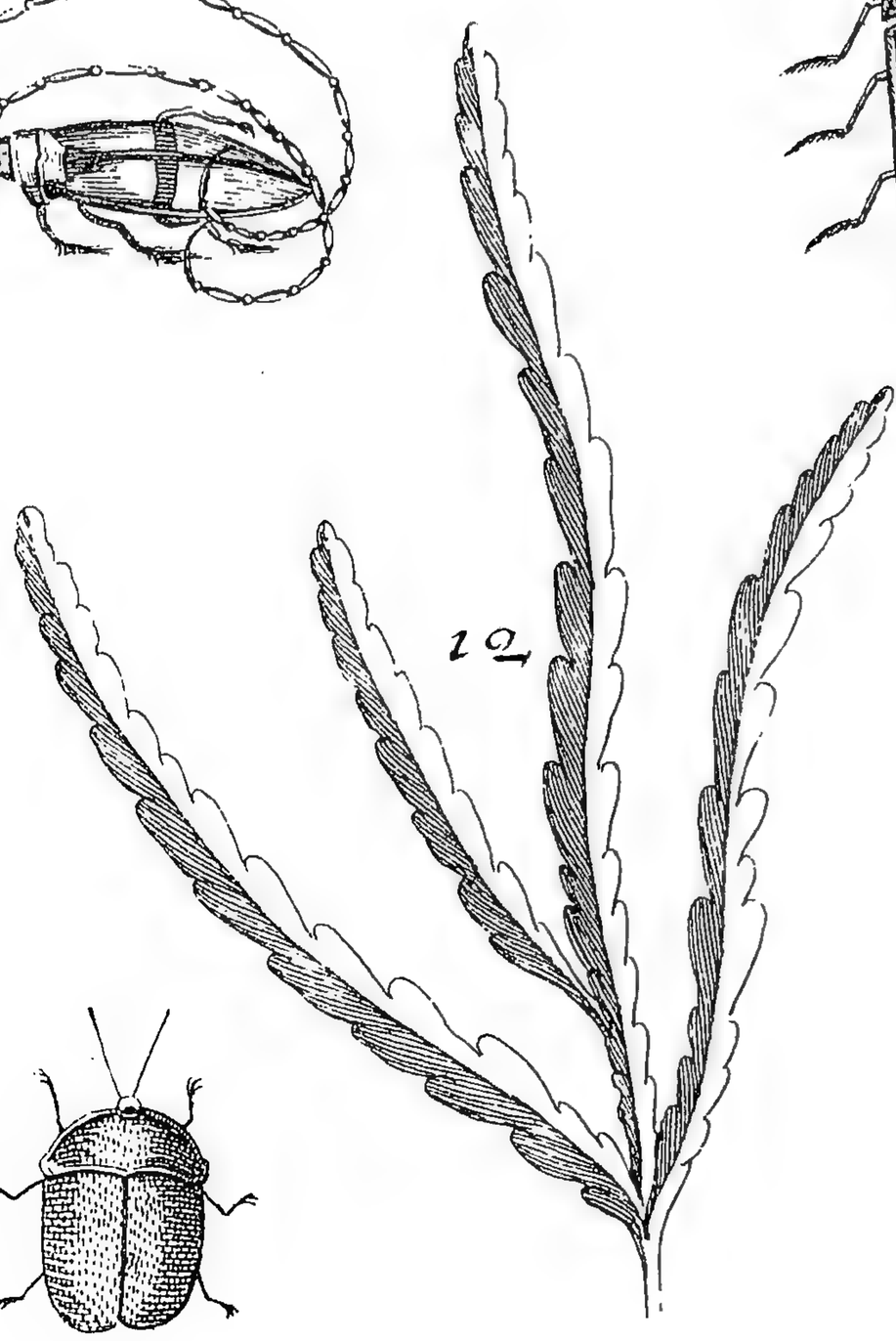
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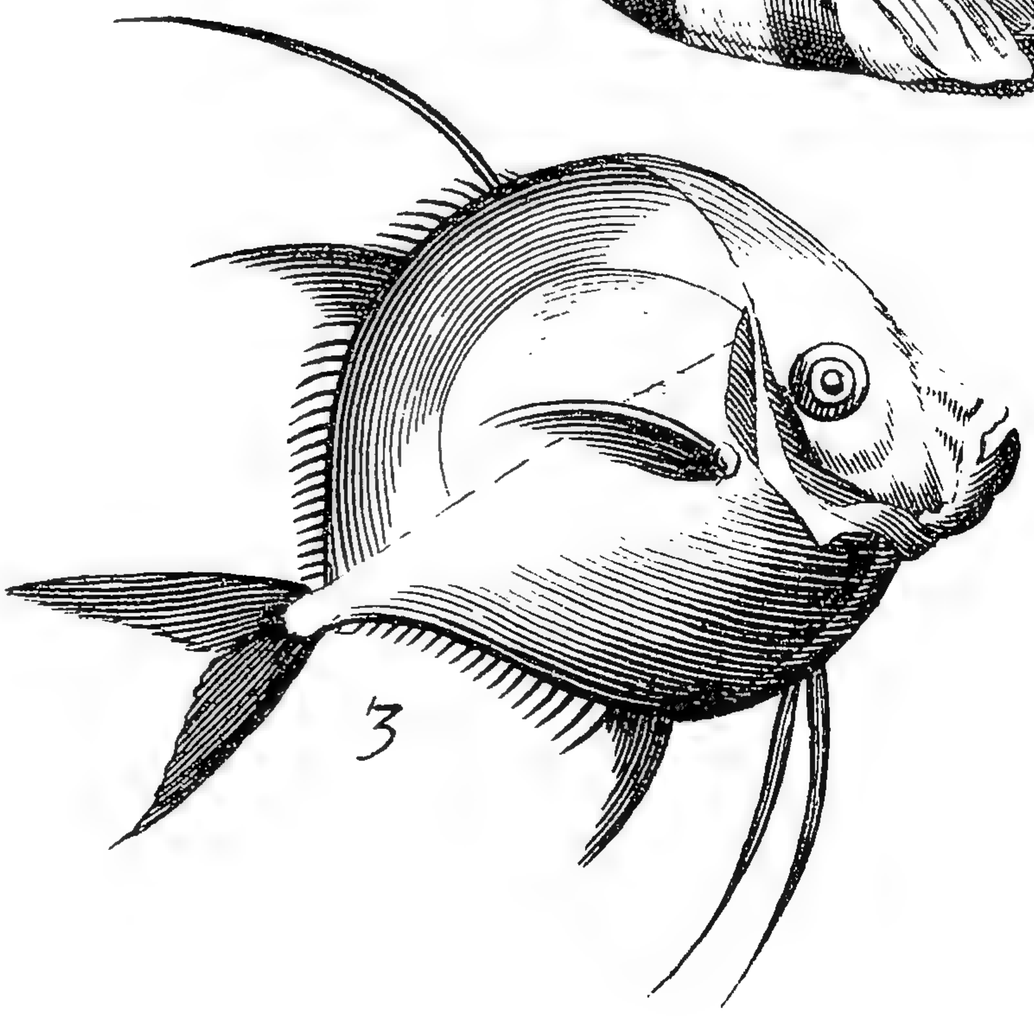
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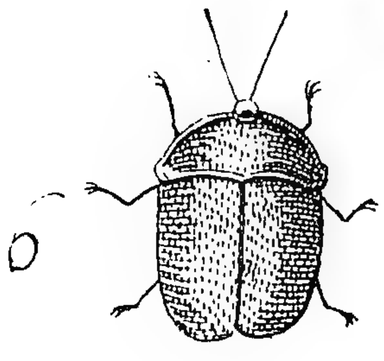
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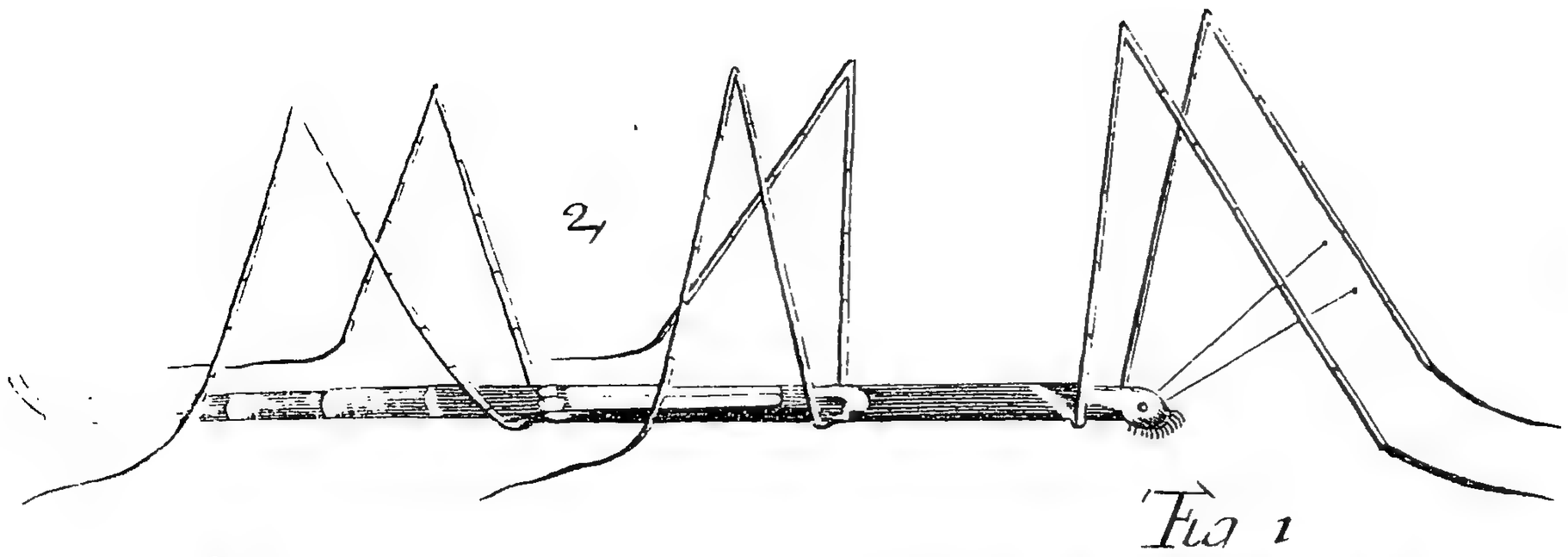


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Tab LX



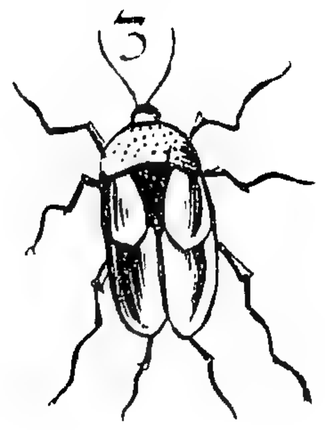
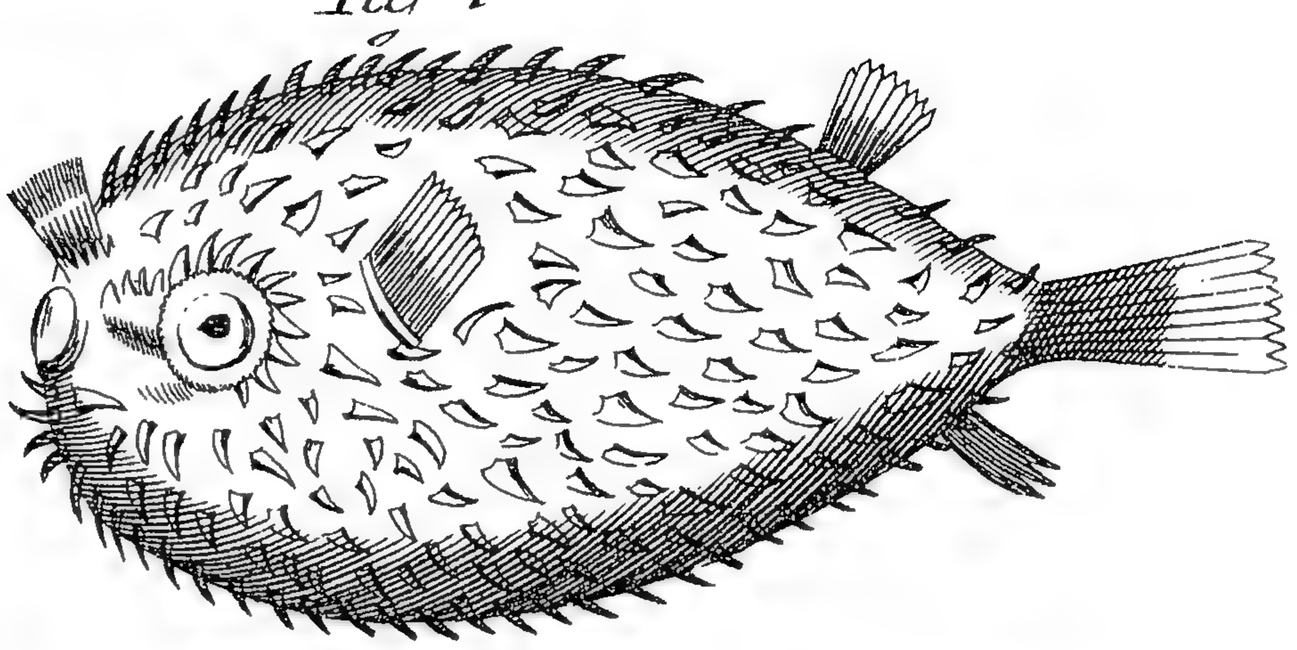
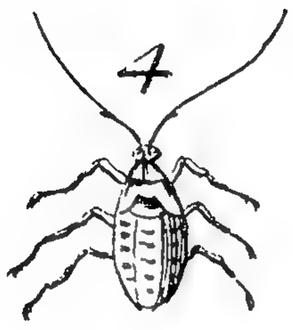


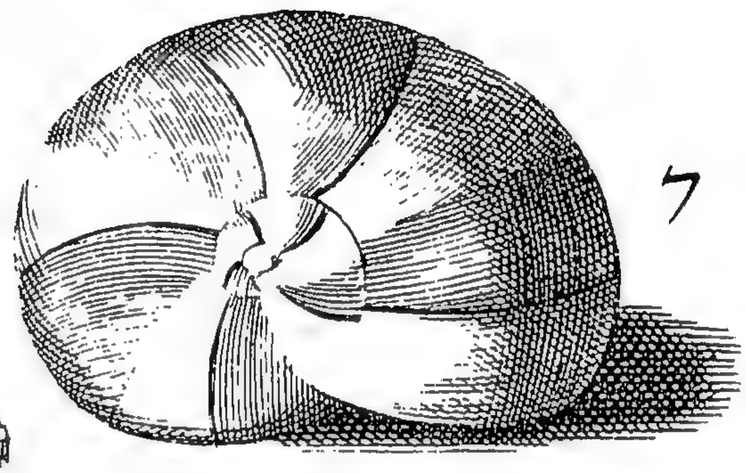
Fig 1

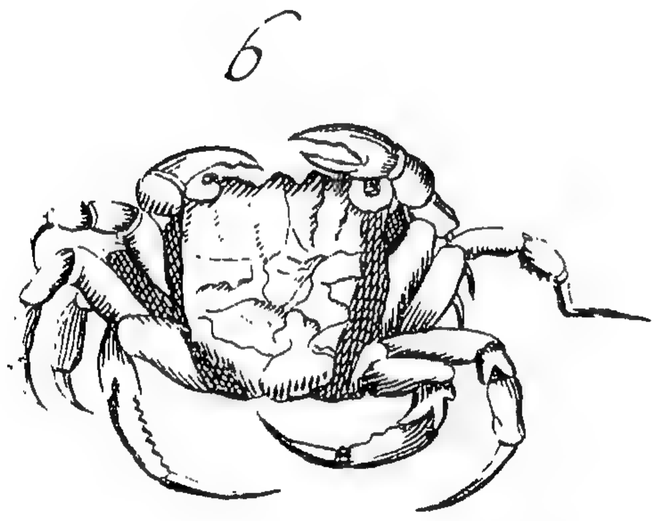


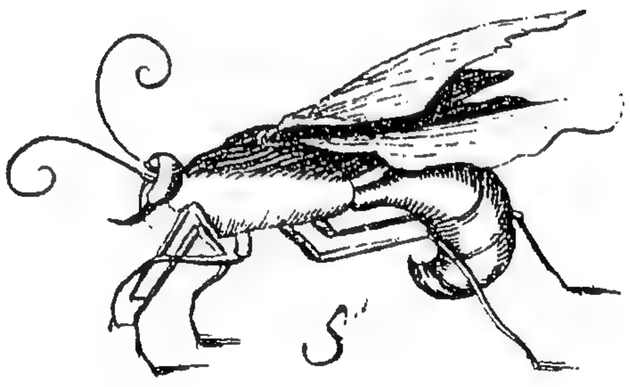








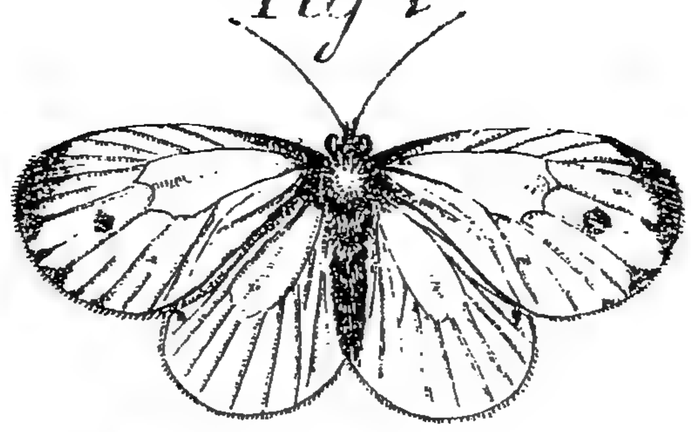


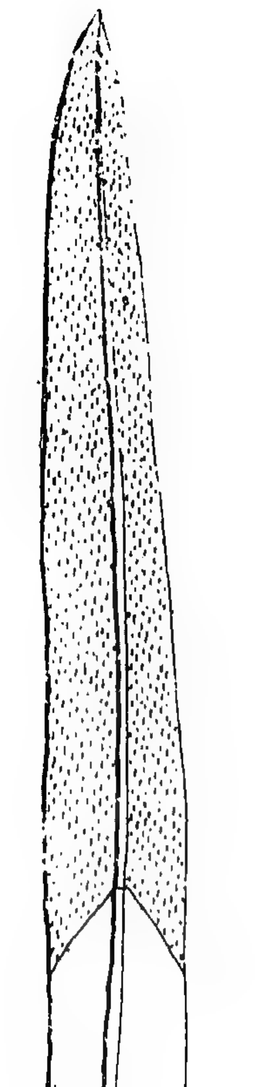




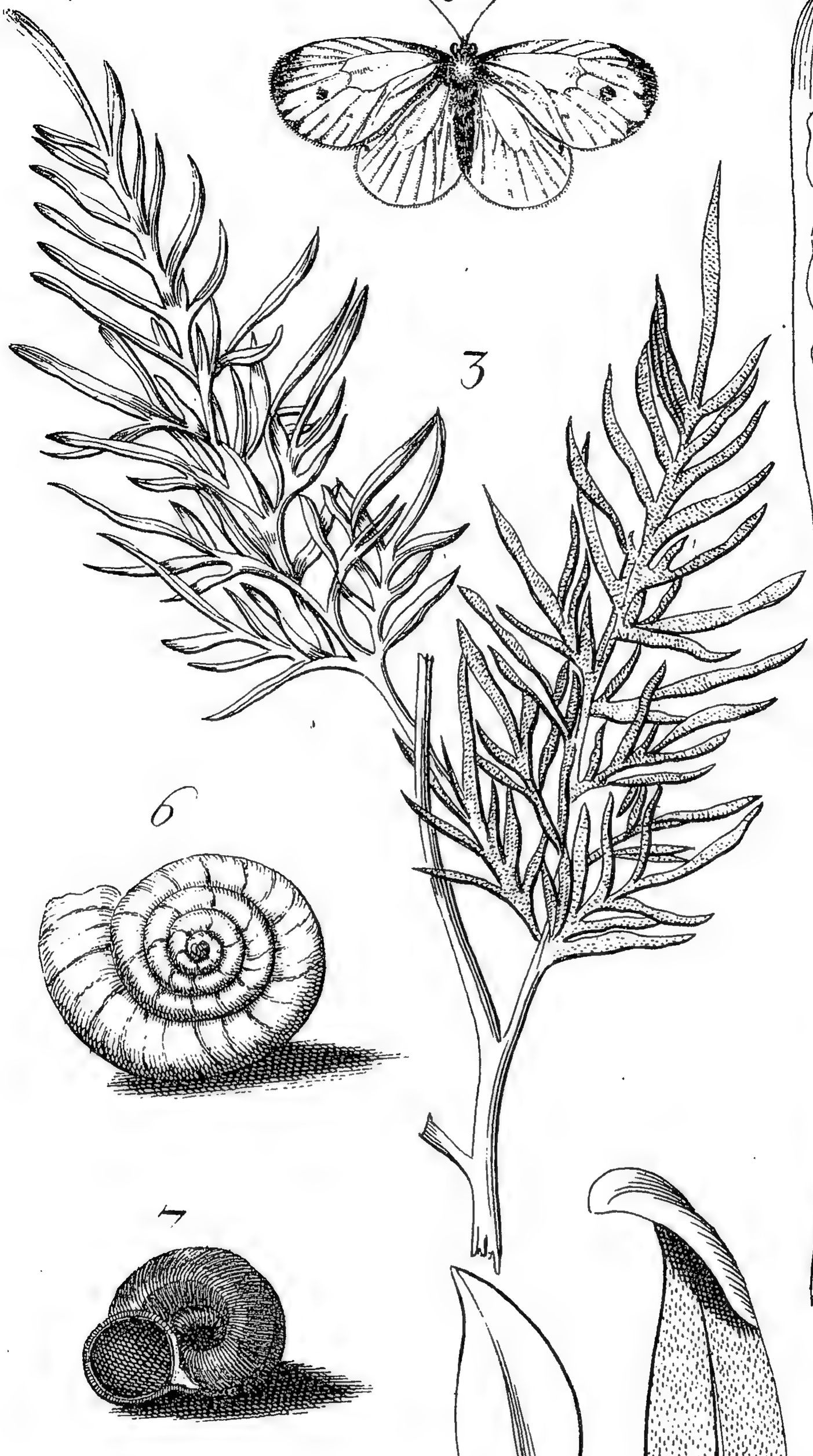
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Fig 1





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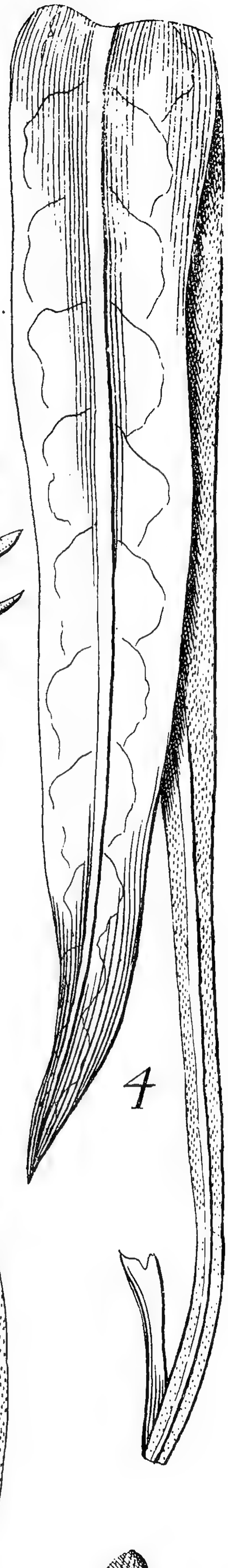
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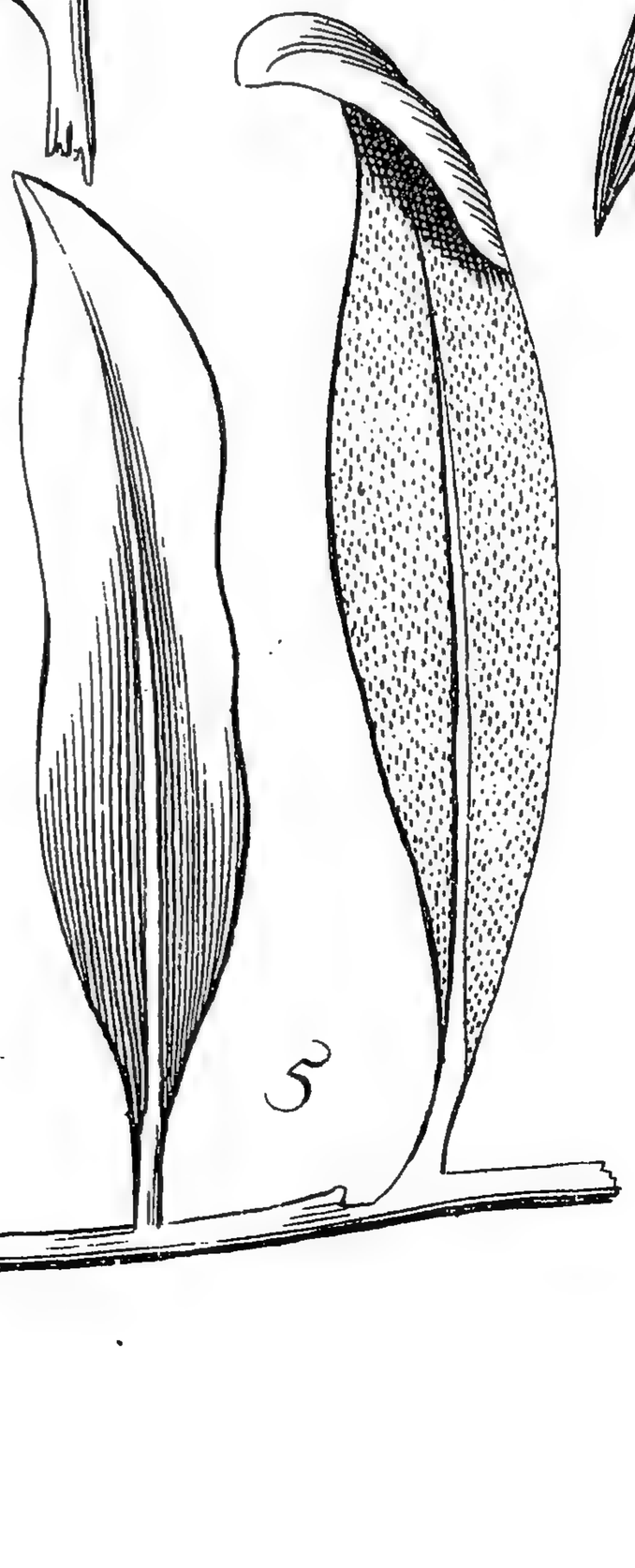
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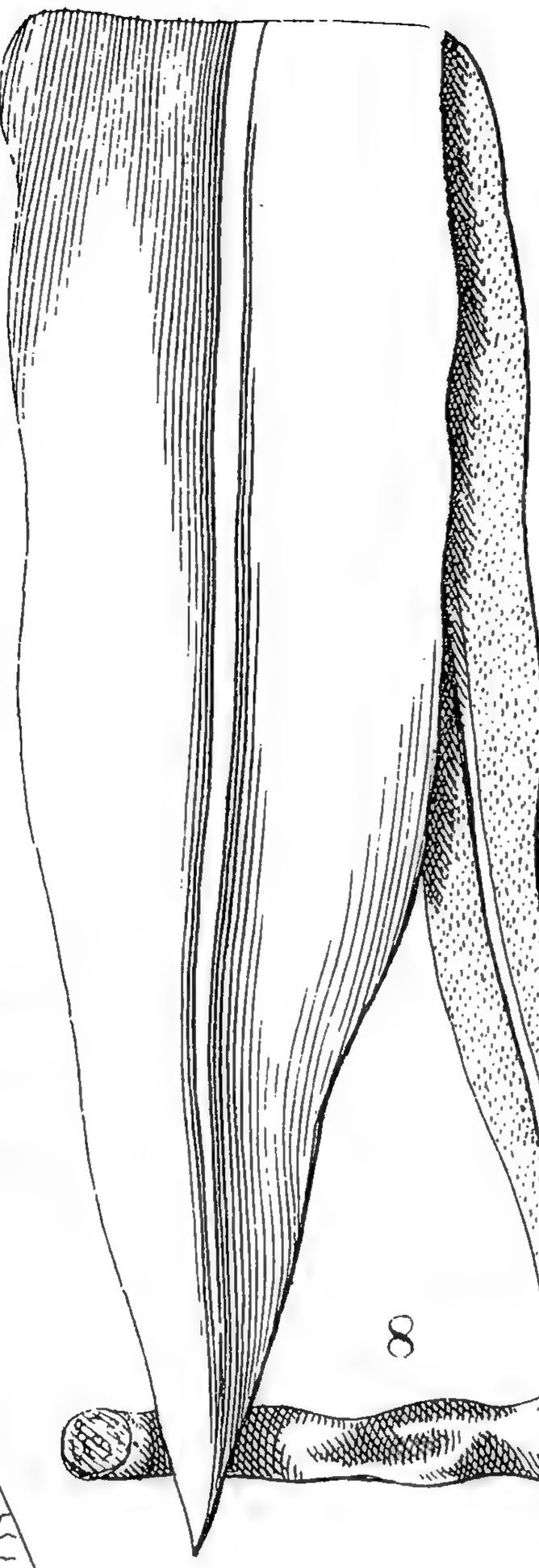
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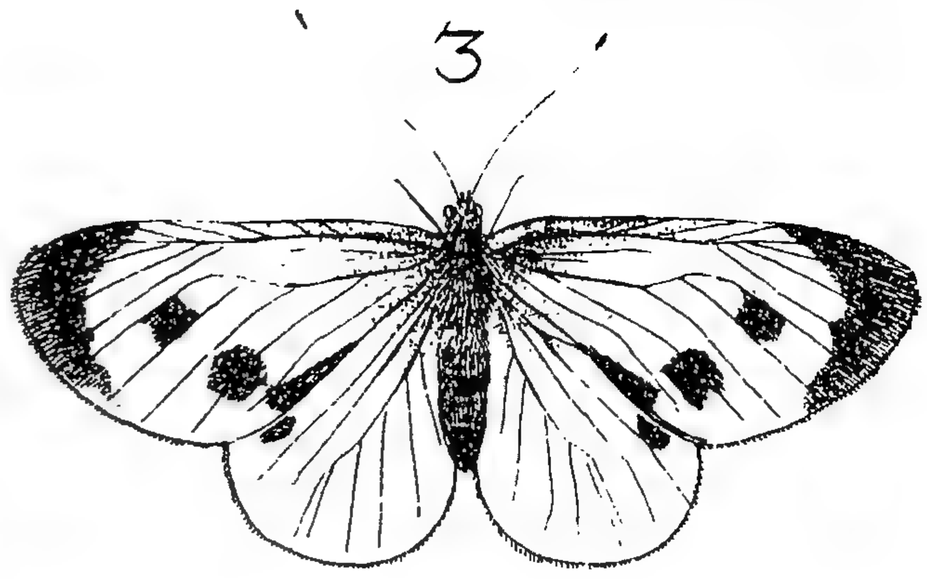


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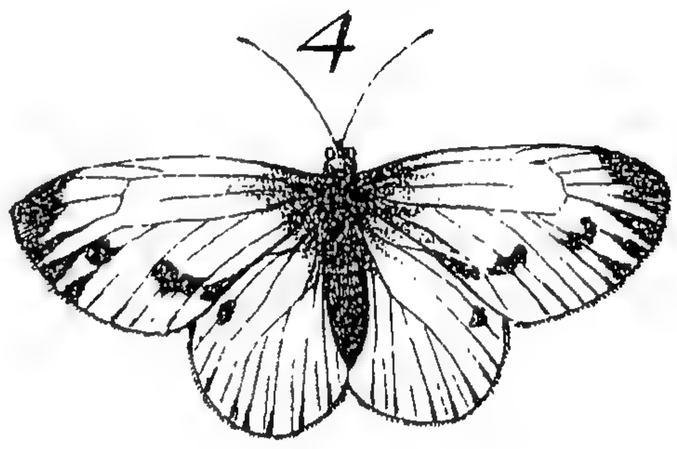




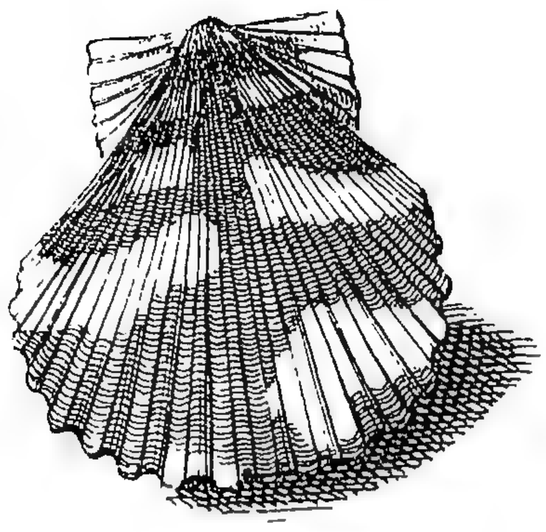
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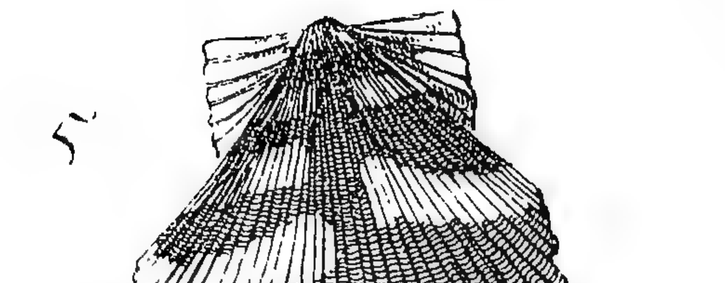


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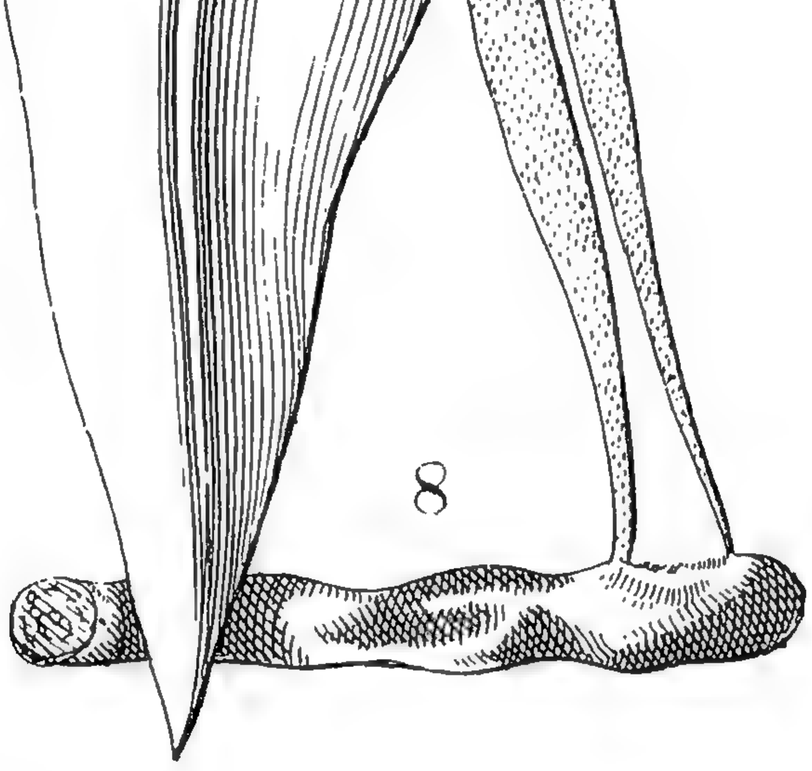


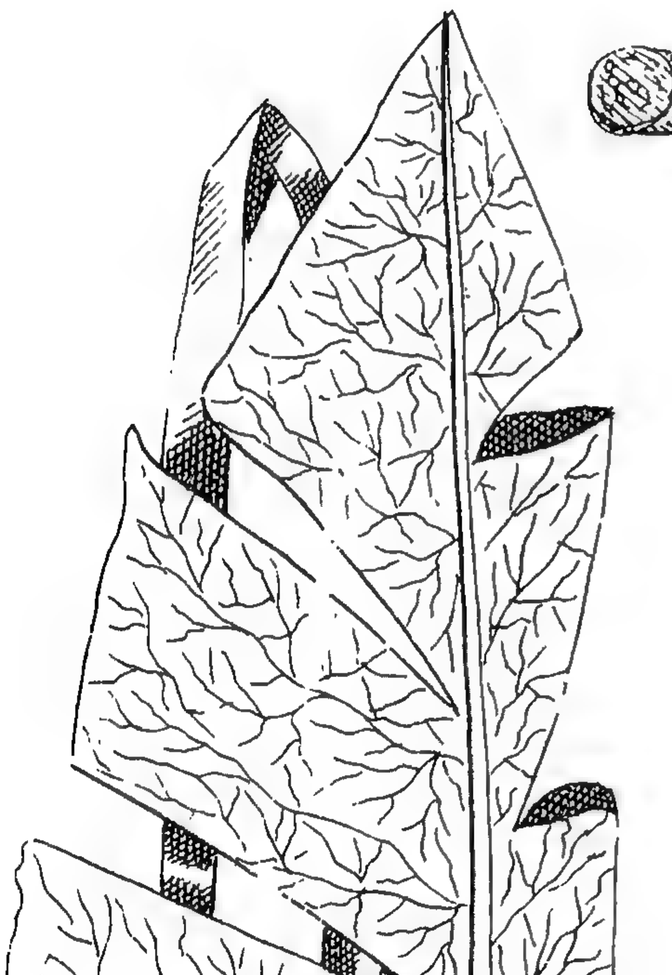
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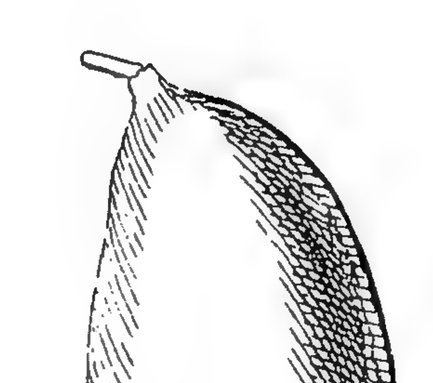
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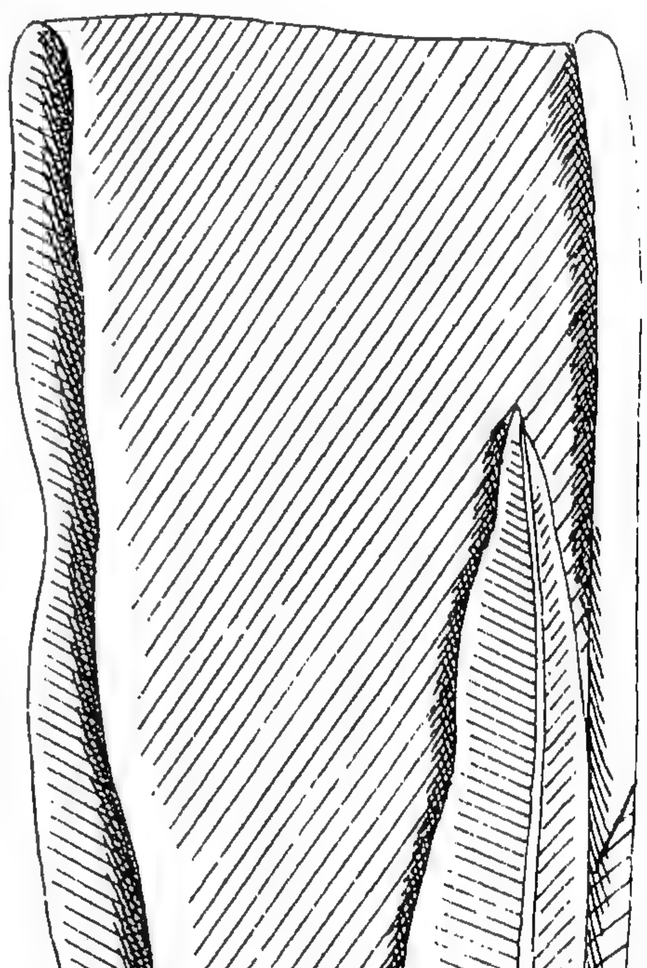


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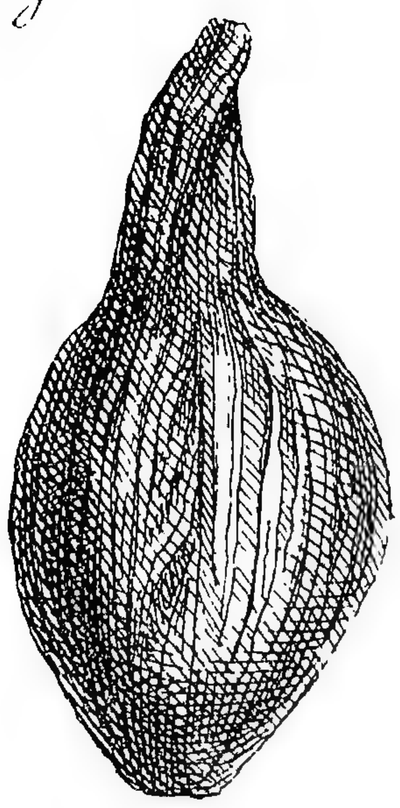
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Tab LXIII

fig. 1





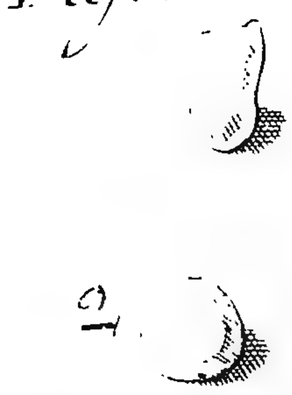
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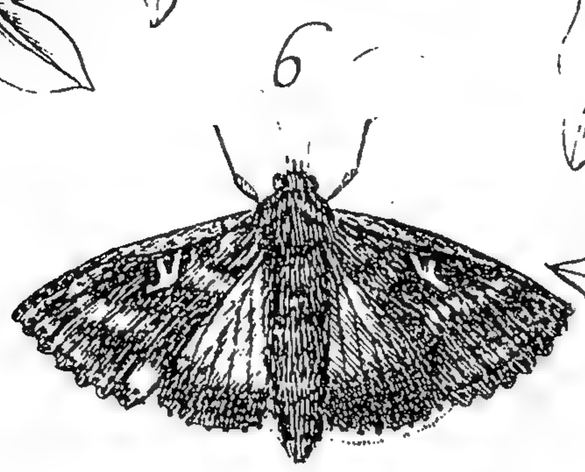
TAB. LXIV

Fig. 1

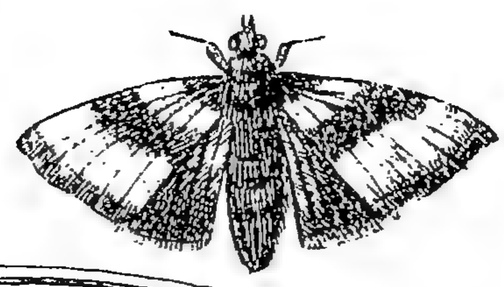


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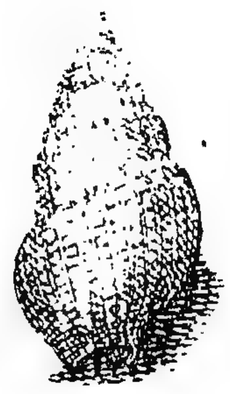
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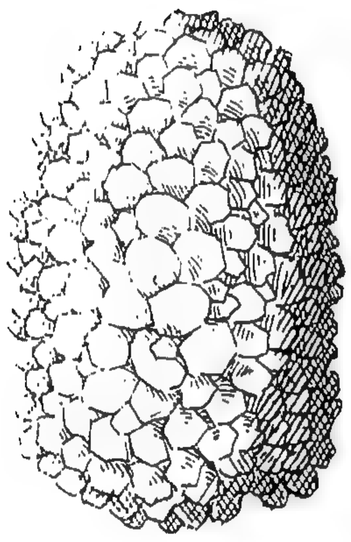
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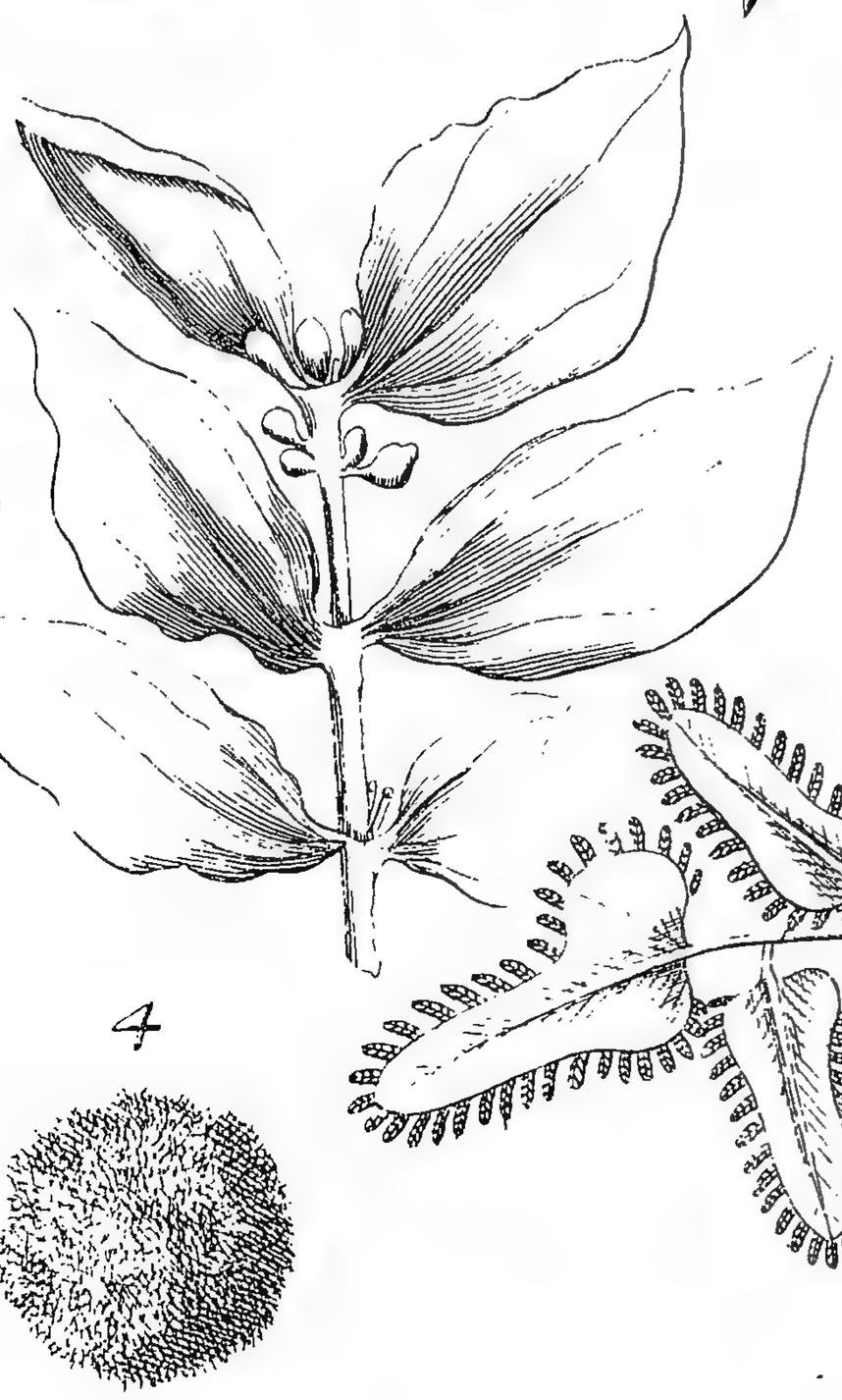
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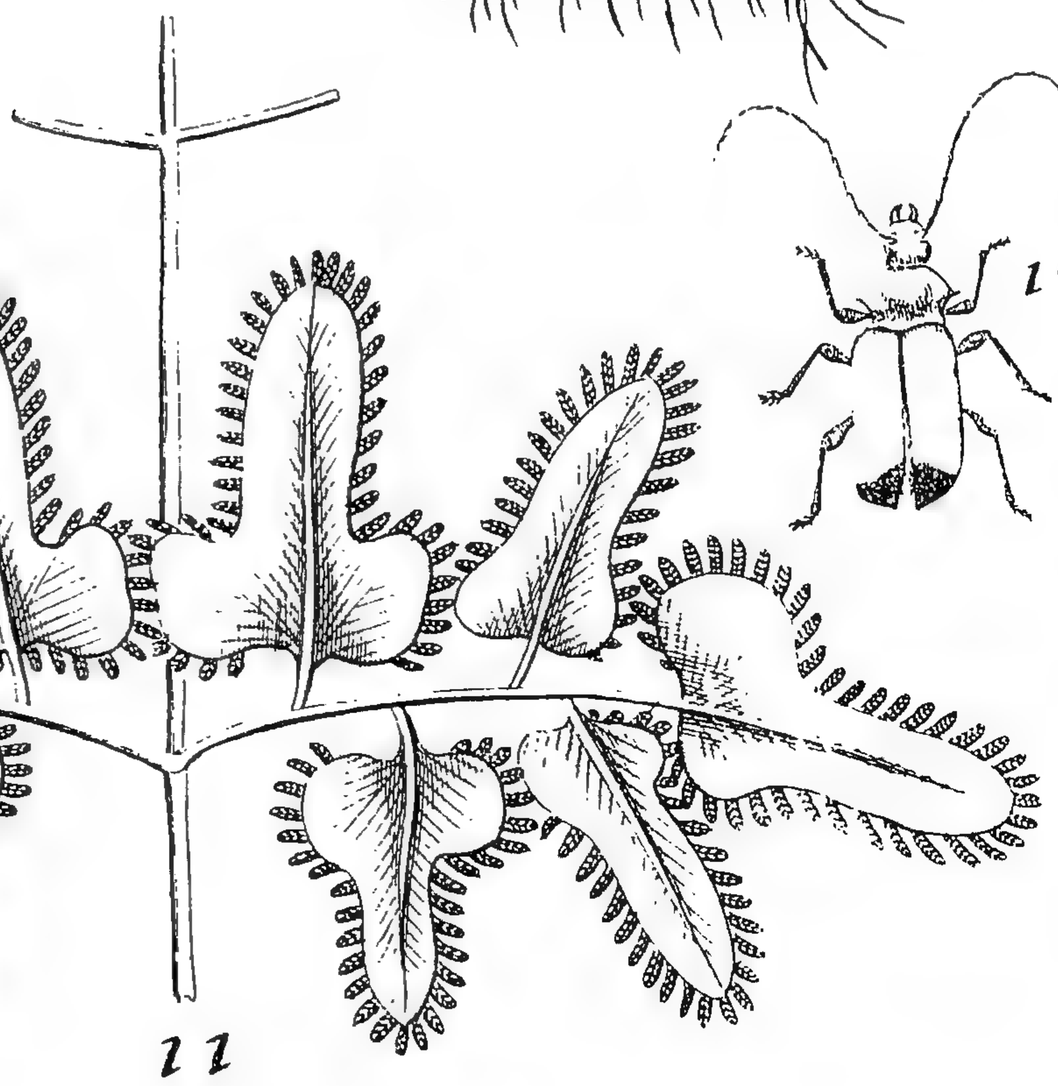
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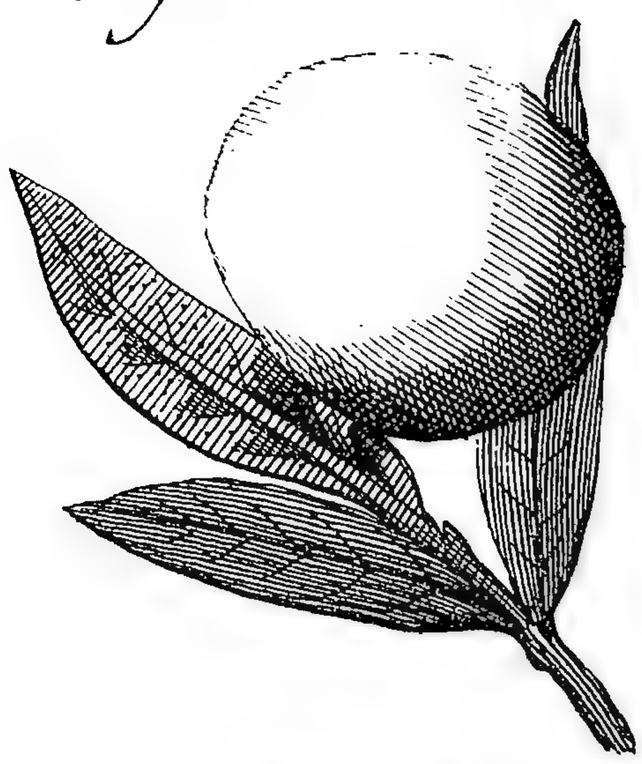
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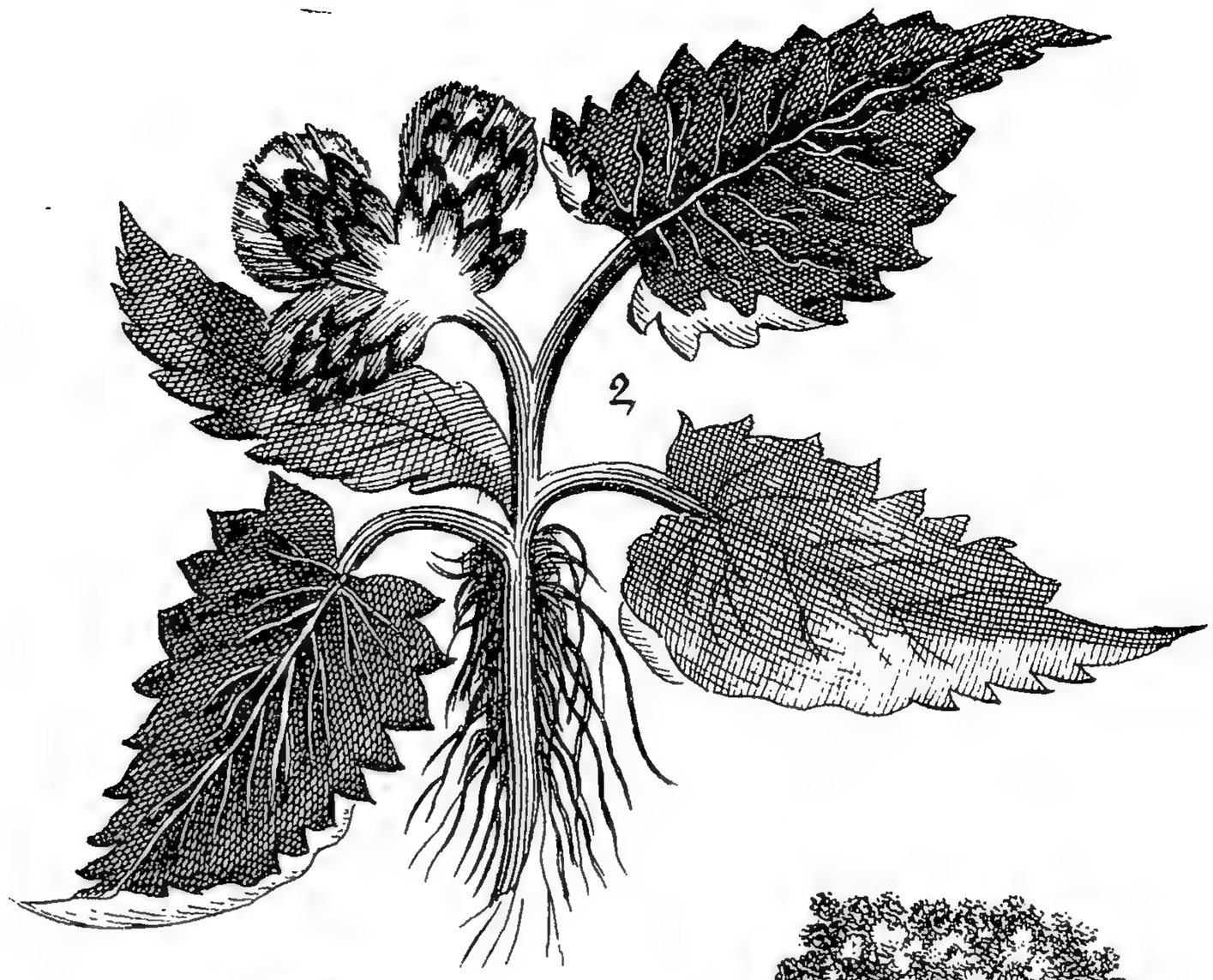
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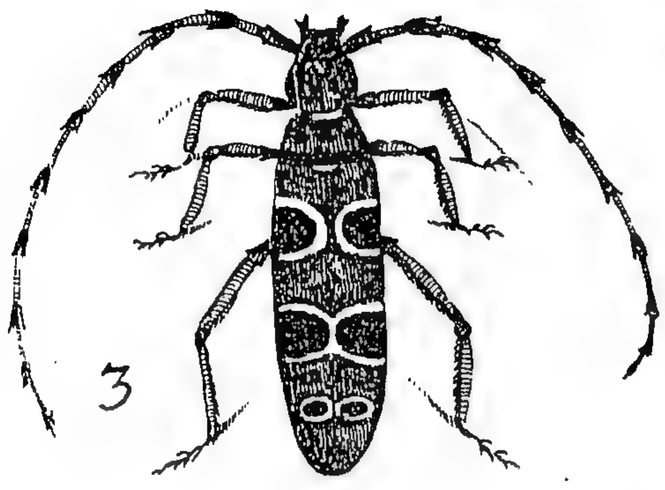
Tab LXV

Fig 1

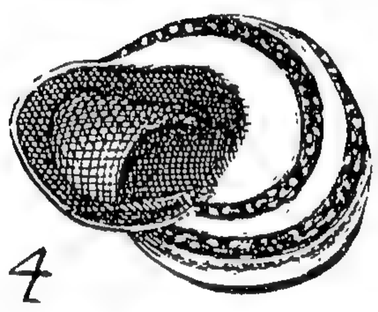




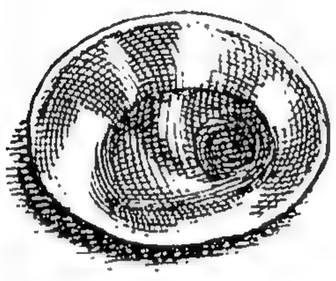
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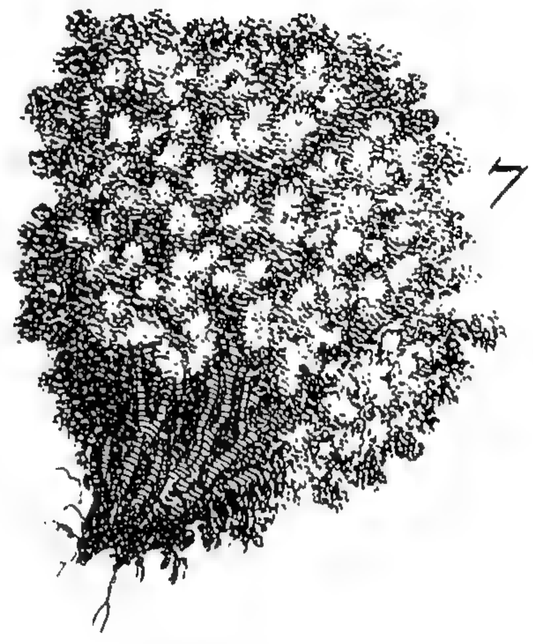


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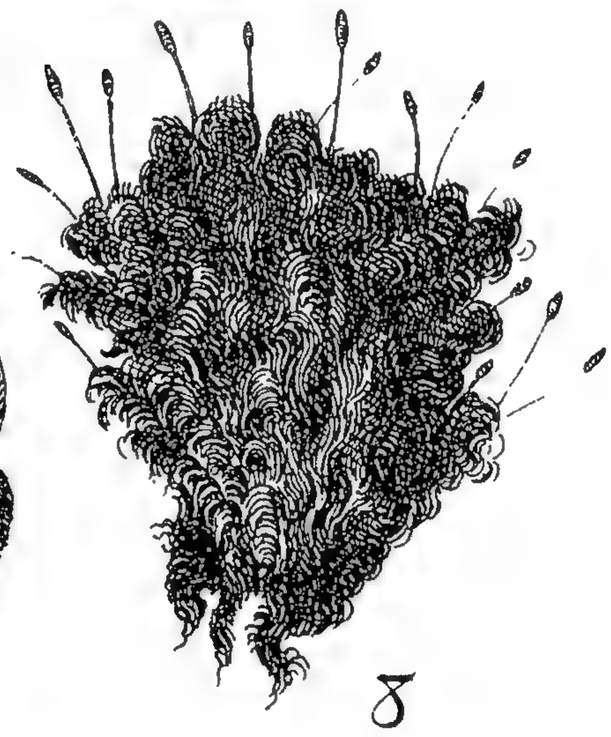


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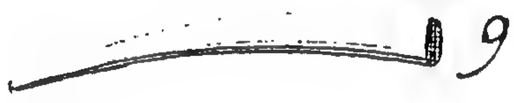
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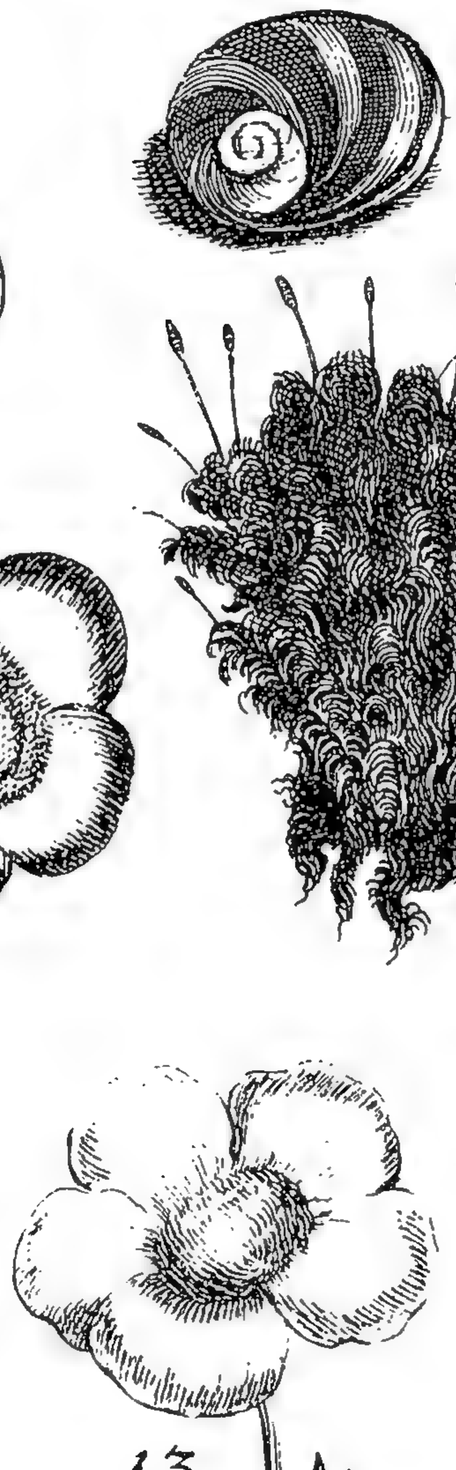


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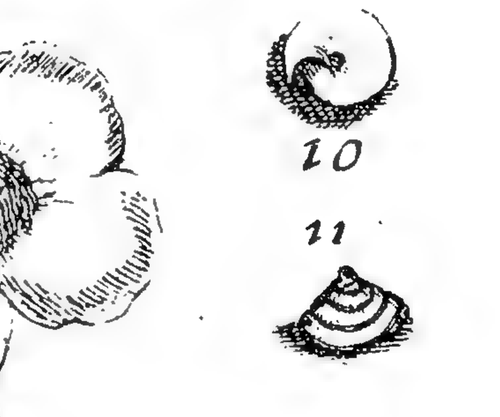
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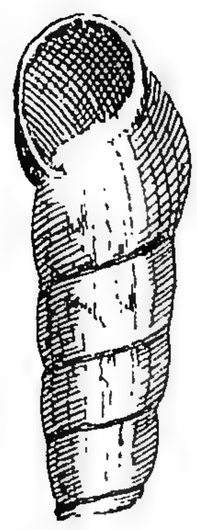
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TAB. LXVI

Fig. 1.

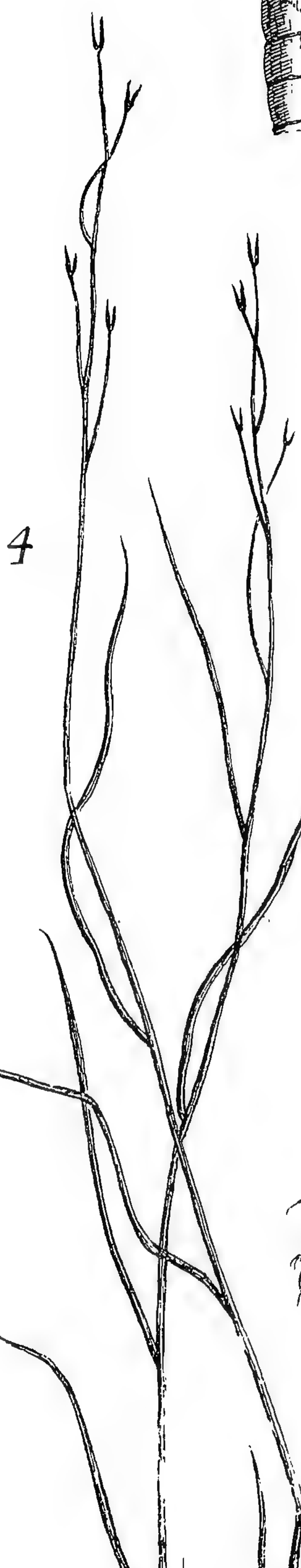






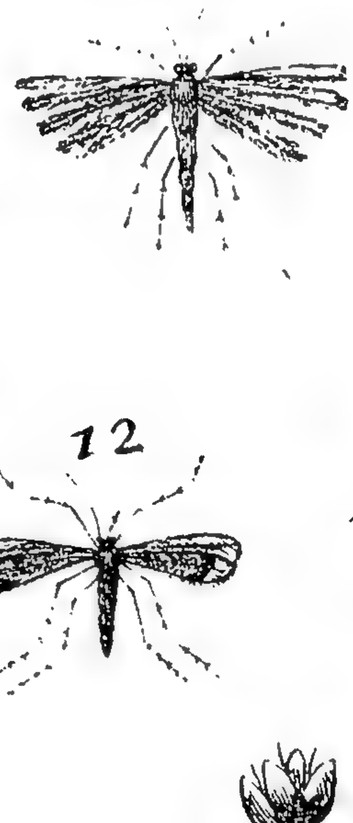


















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TAB.LXVII

Fig. 1

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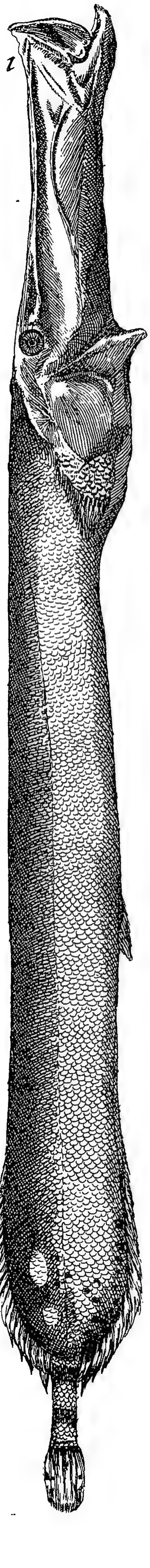
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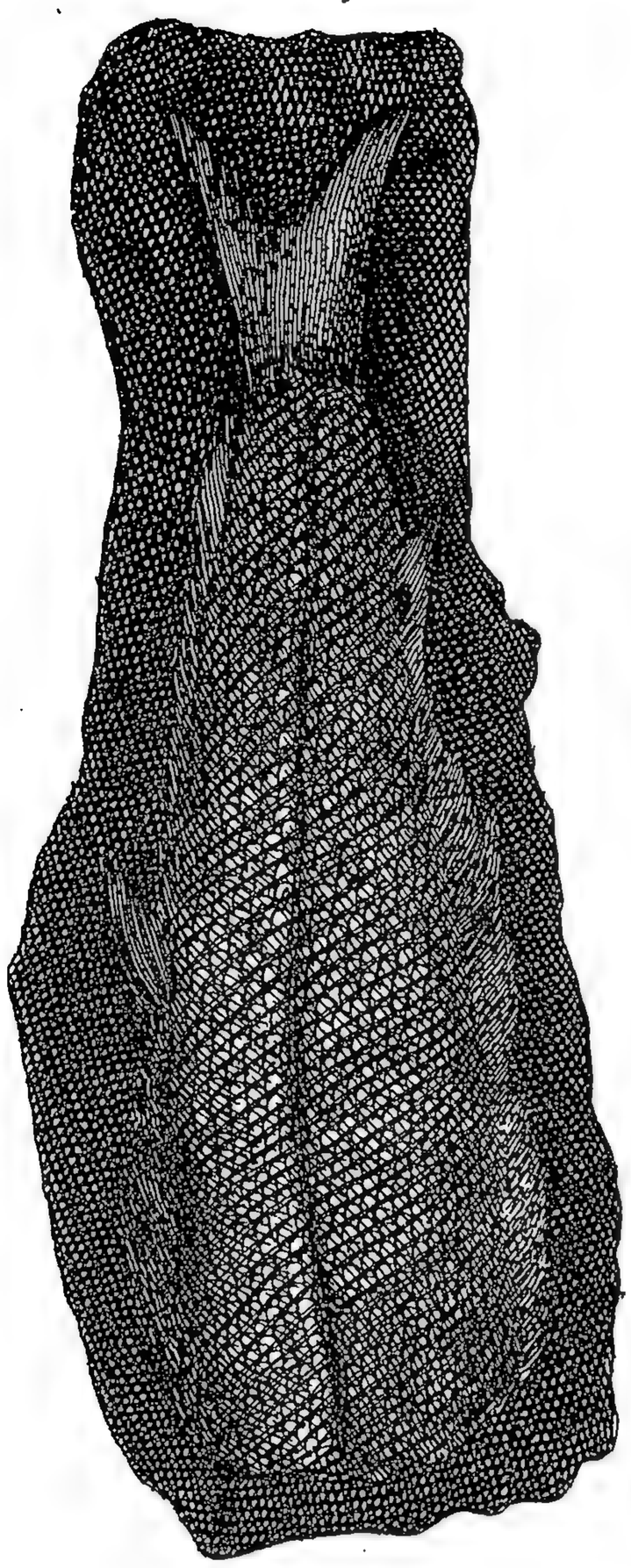
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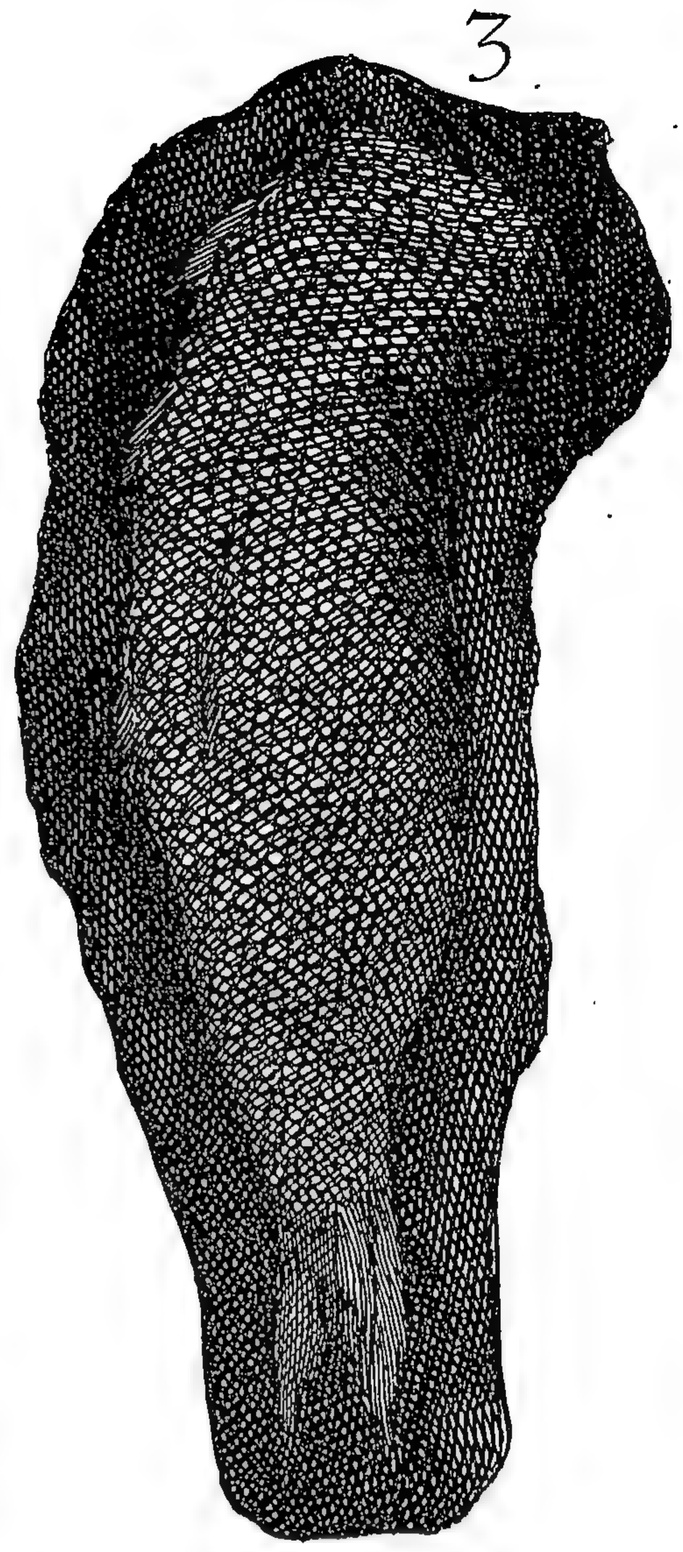
Fig 1



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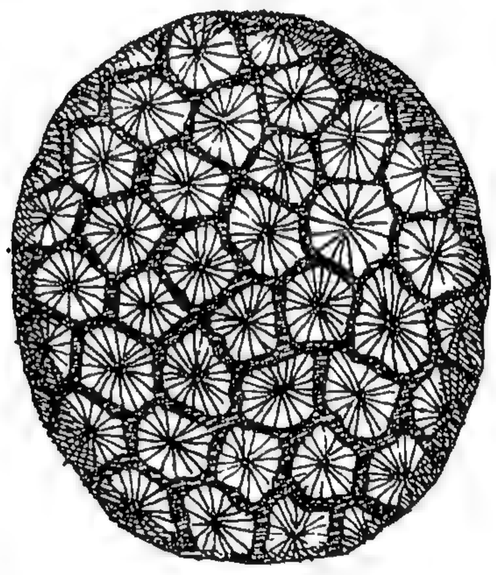
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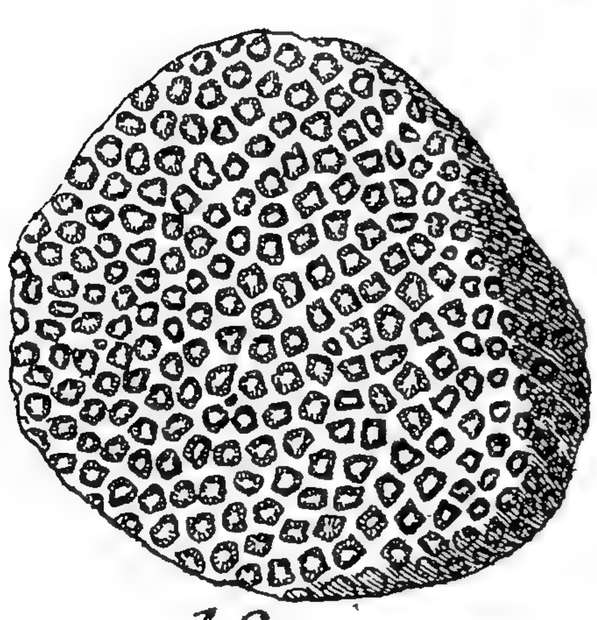
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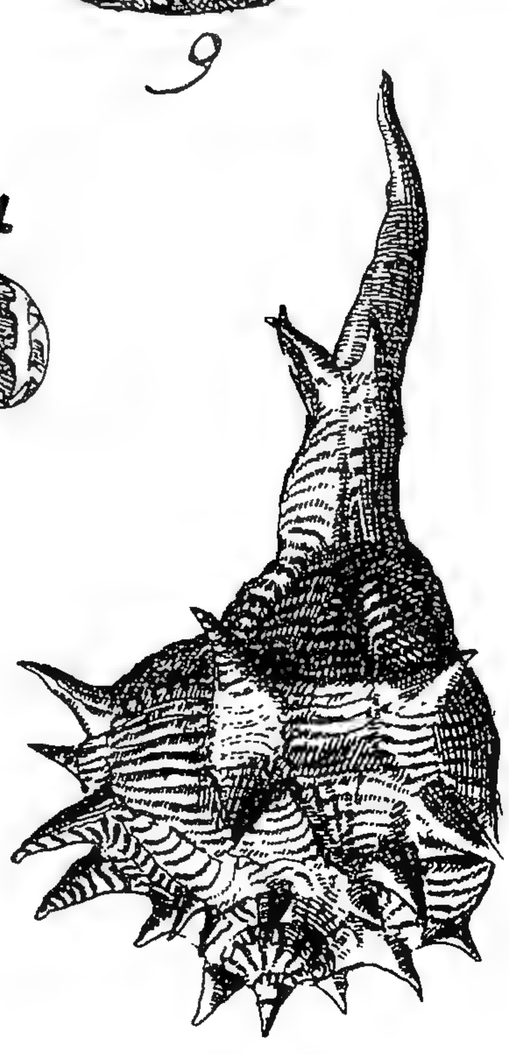
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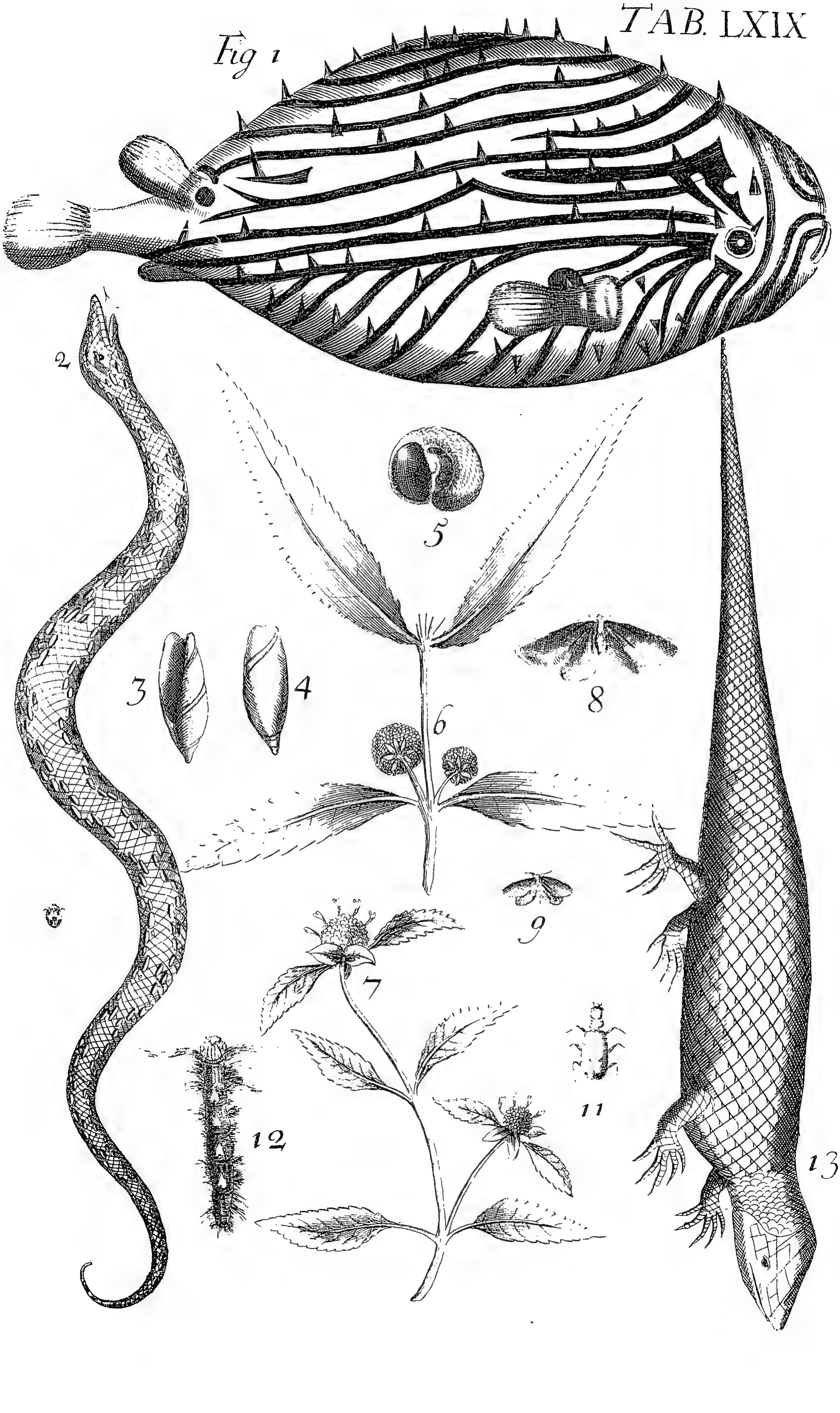


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TAB. LXIX

Fig 1



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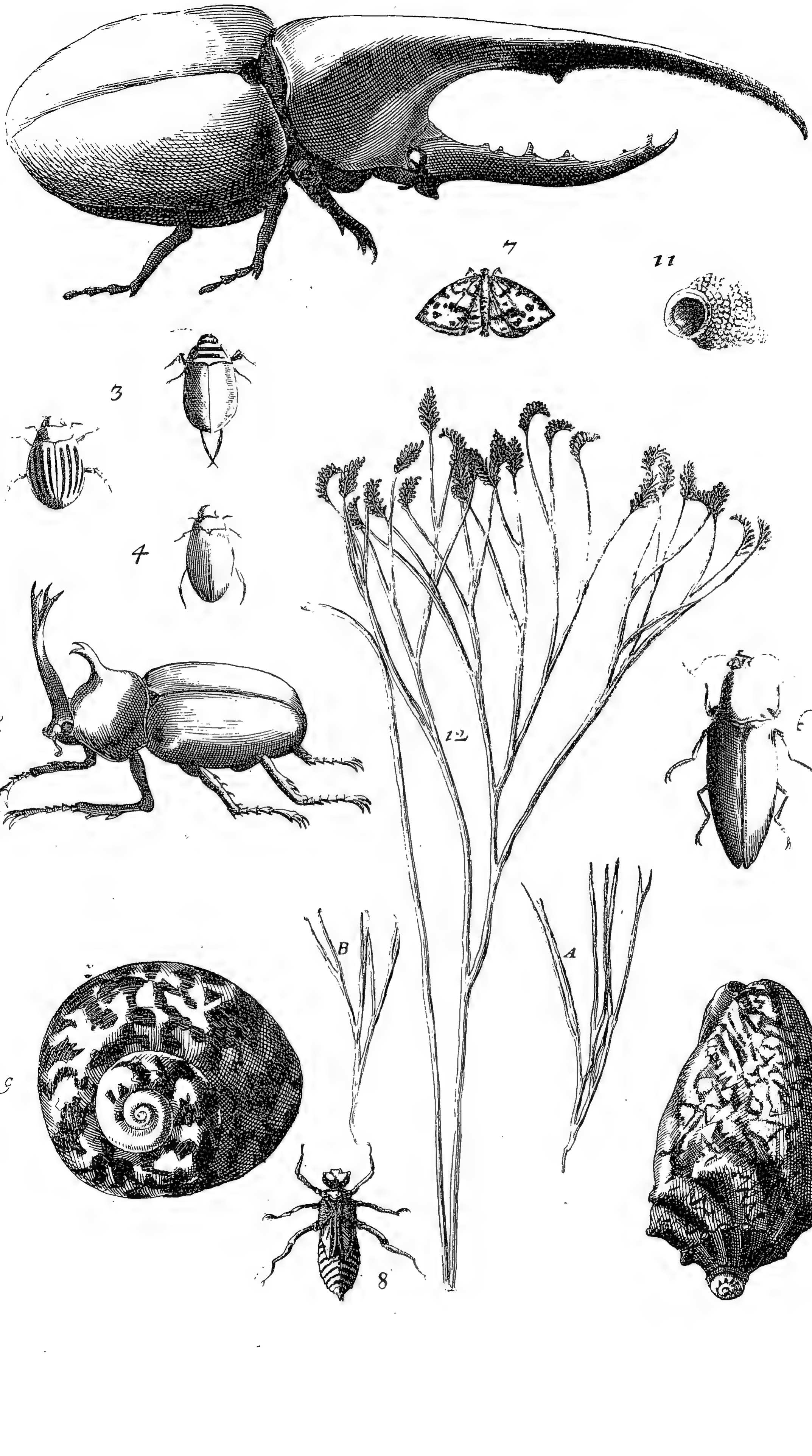
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Tab LXX

Fig 1



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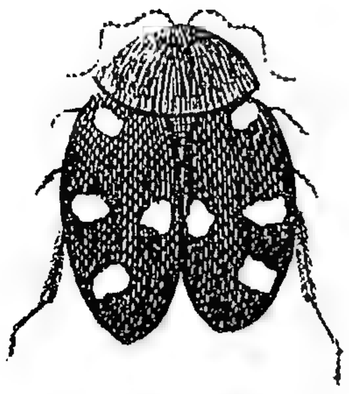
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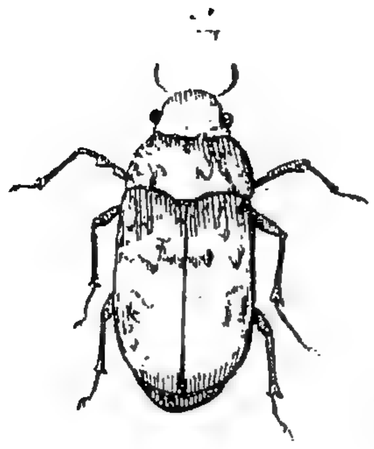
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Tab LXXI

Fig. 1



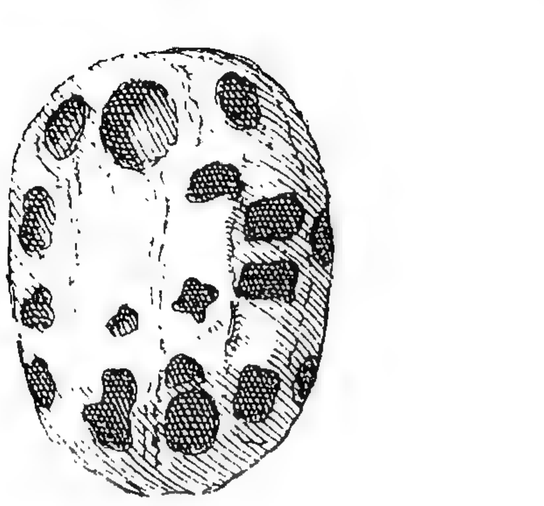


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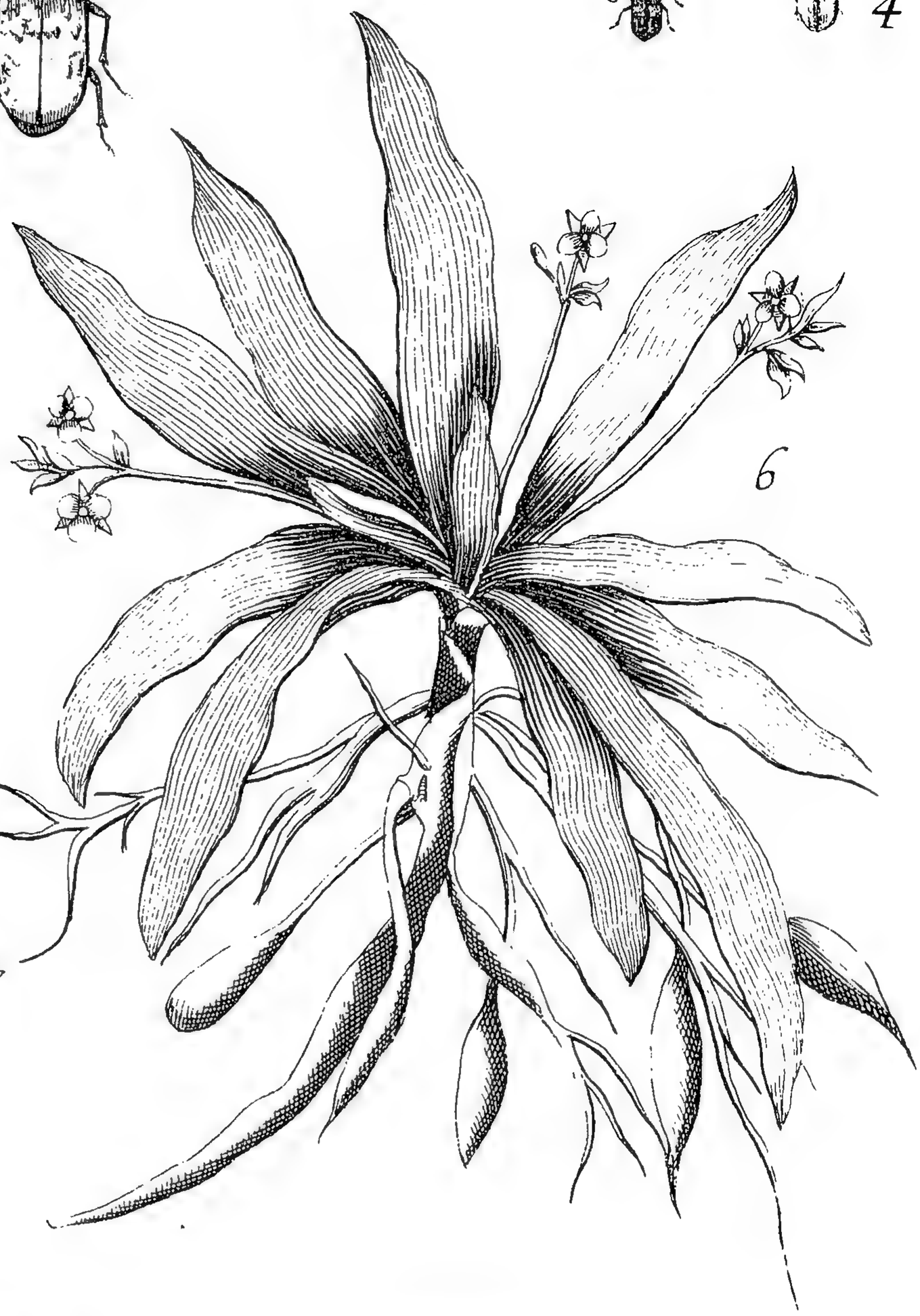




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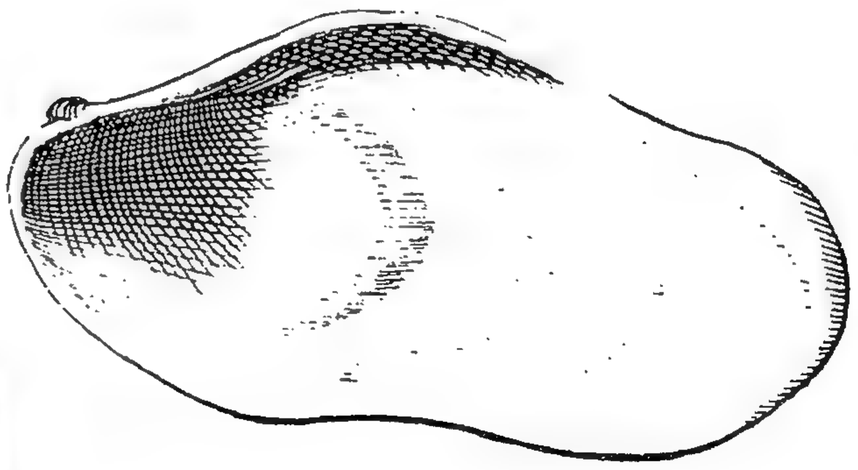
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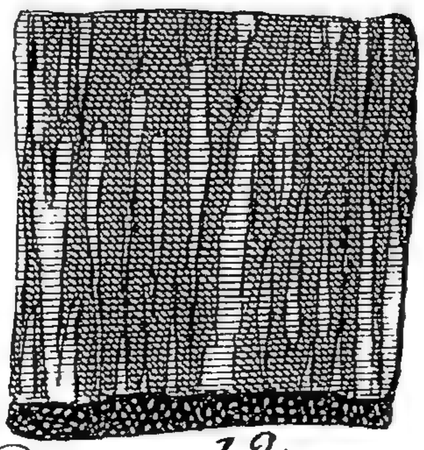
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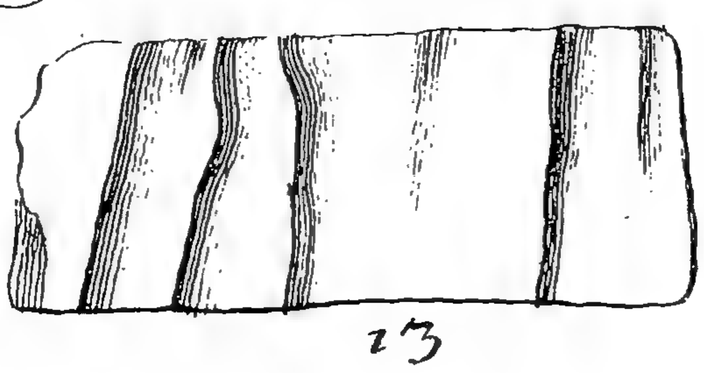
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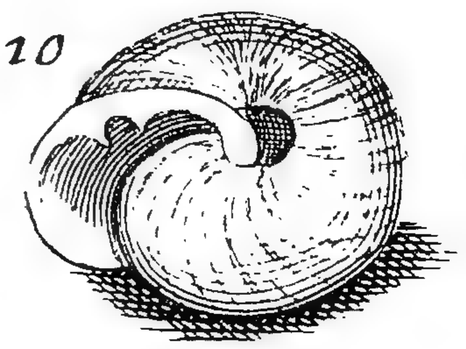
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TAB LXXII

Fig 1

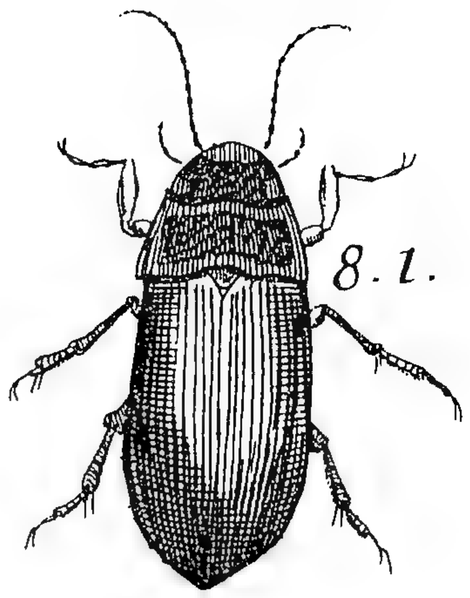




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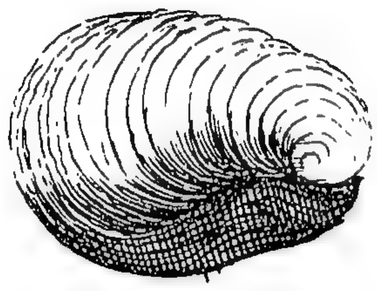


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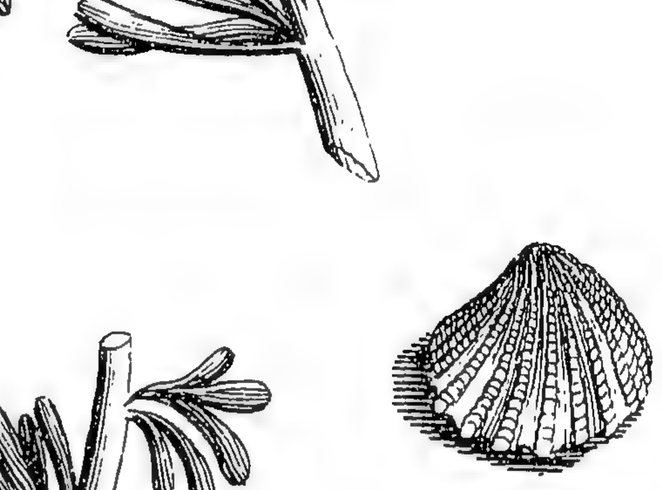


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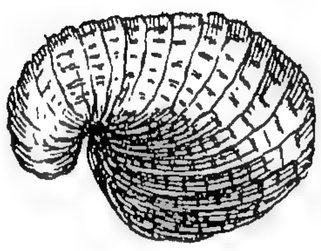
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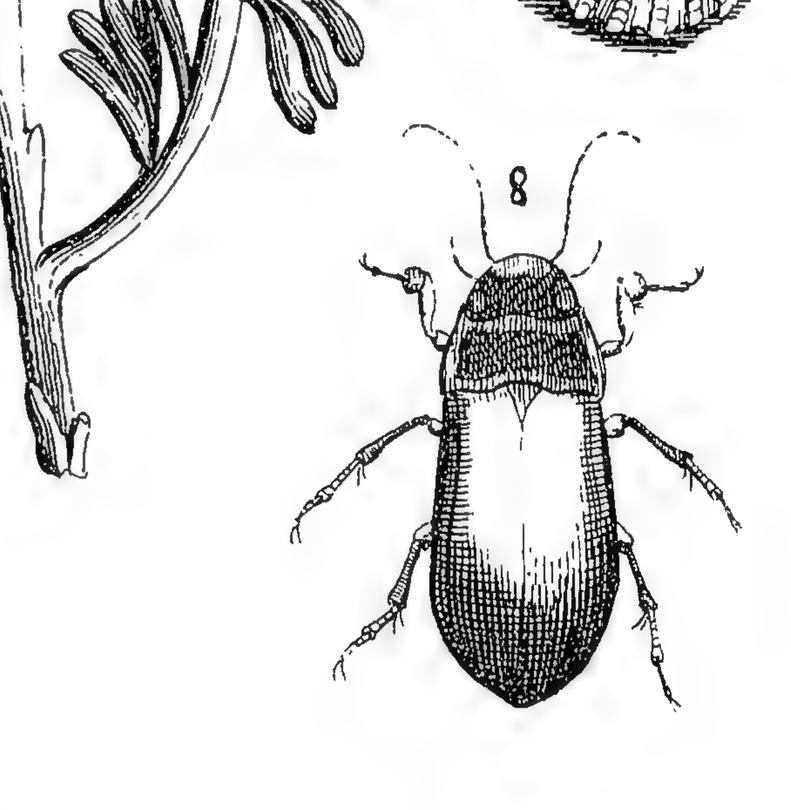


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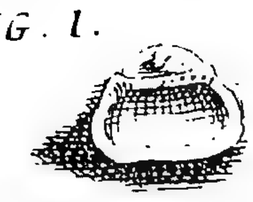
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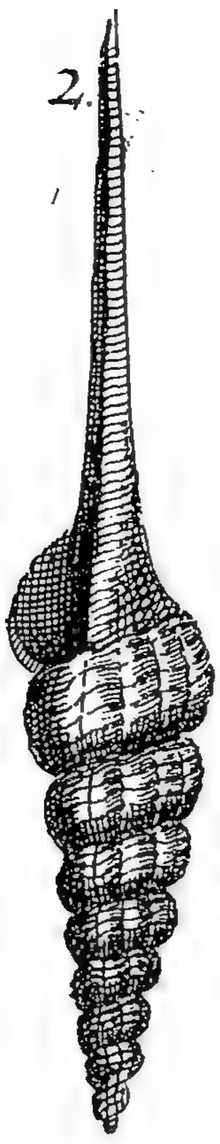


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TAB. LXXIII.

FIG. 1.





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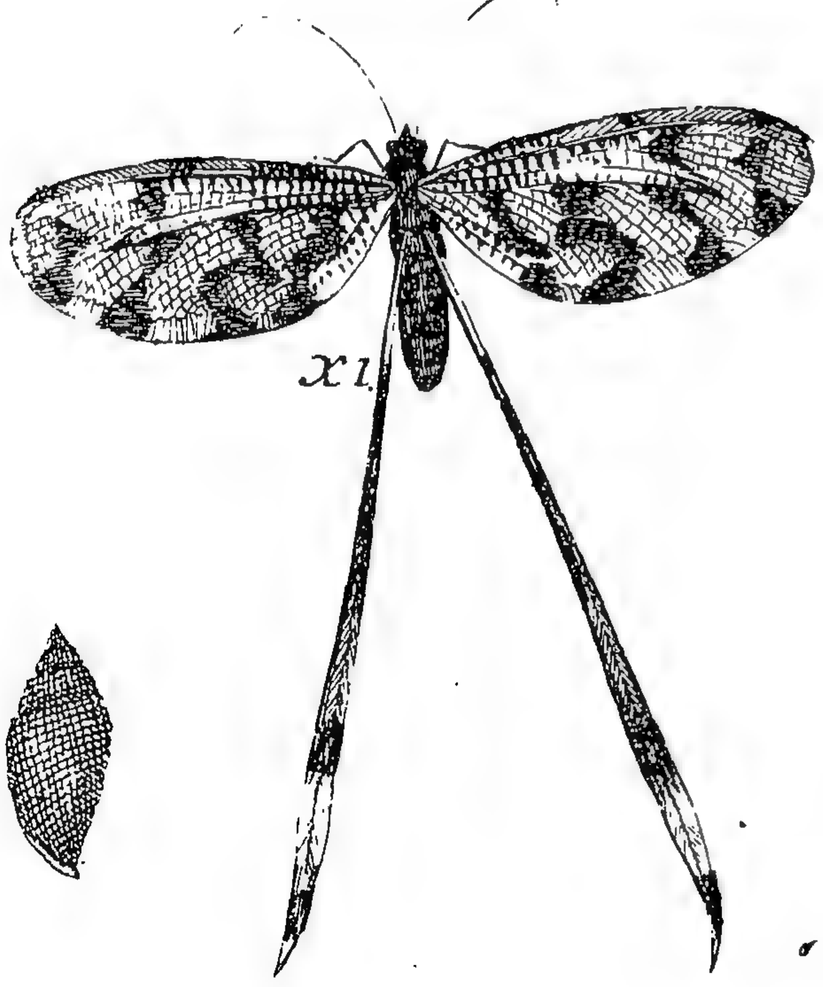


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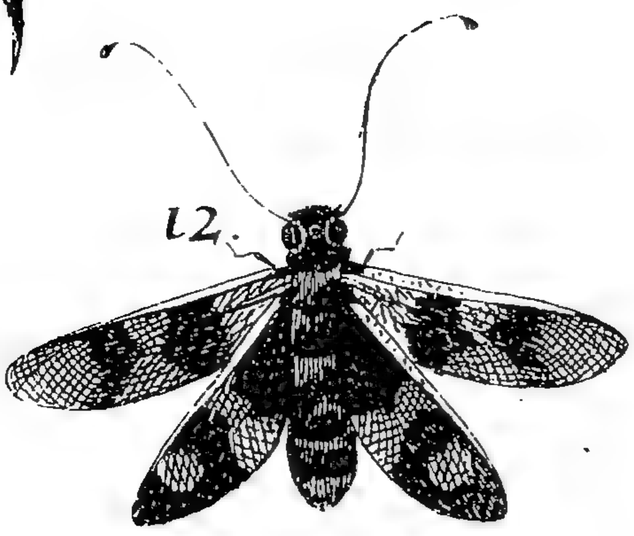


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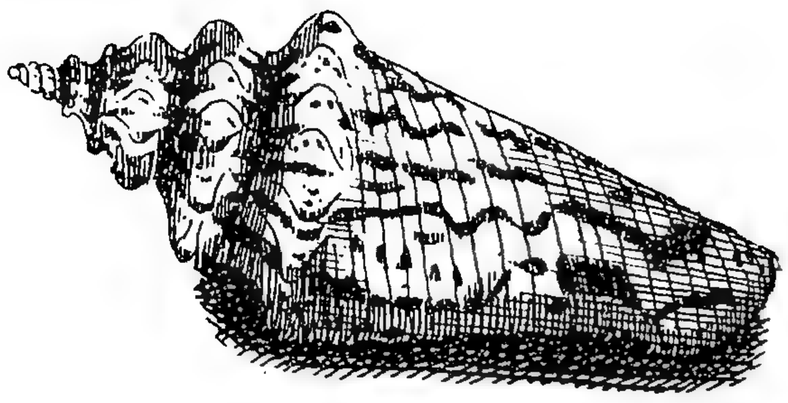
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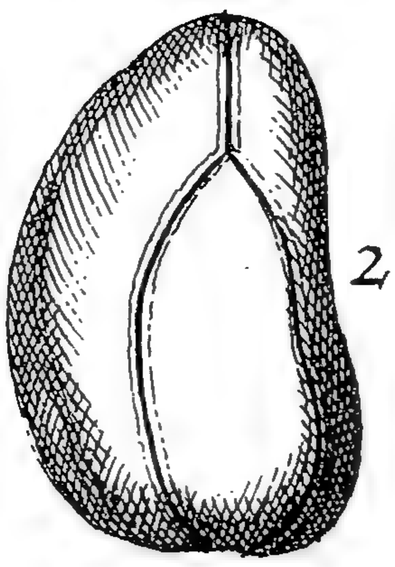


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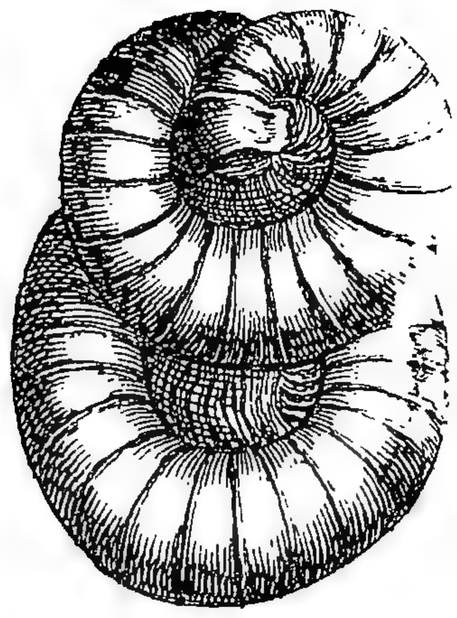
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FIG. 1.

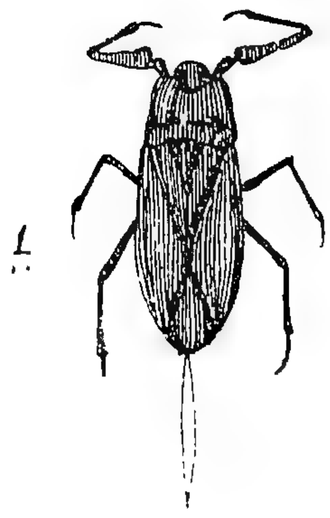




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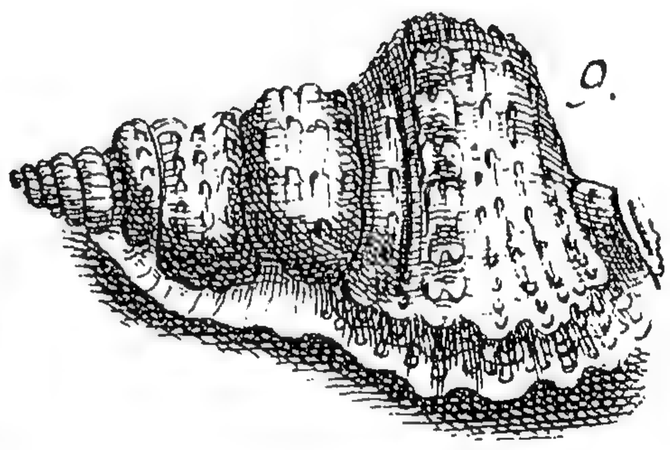


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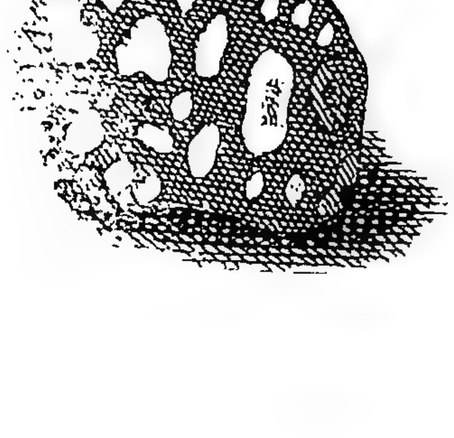




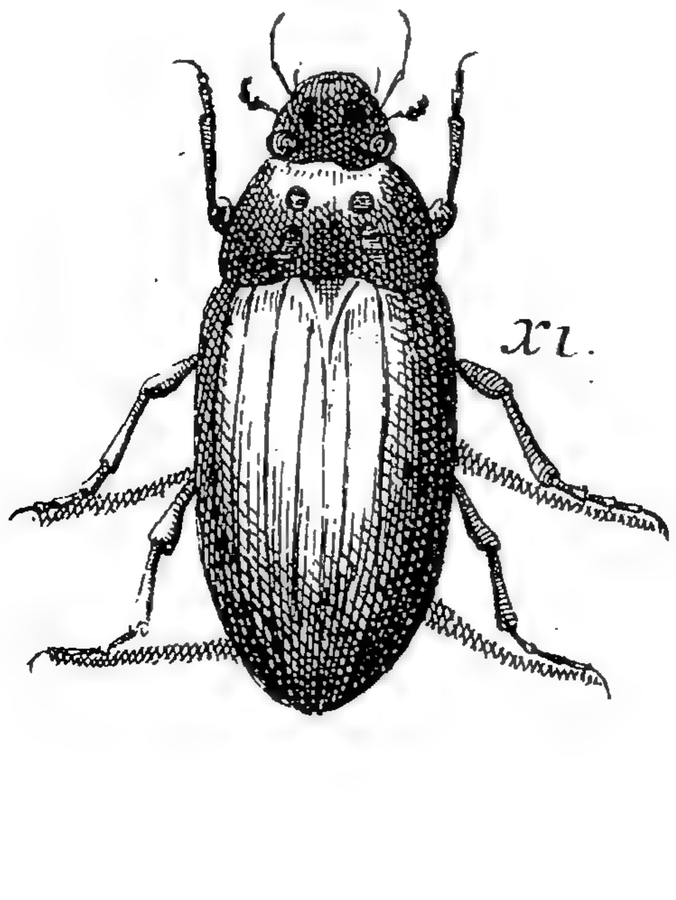
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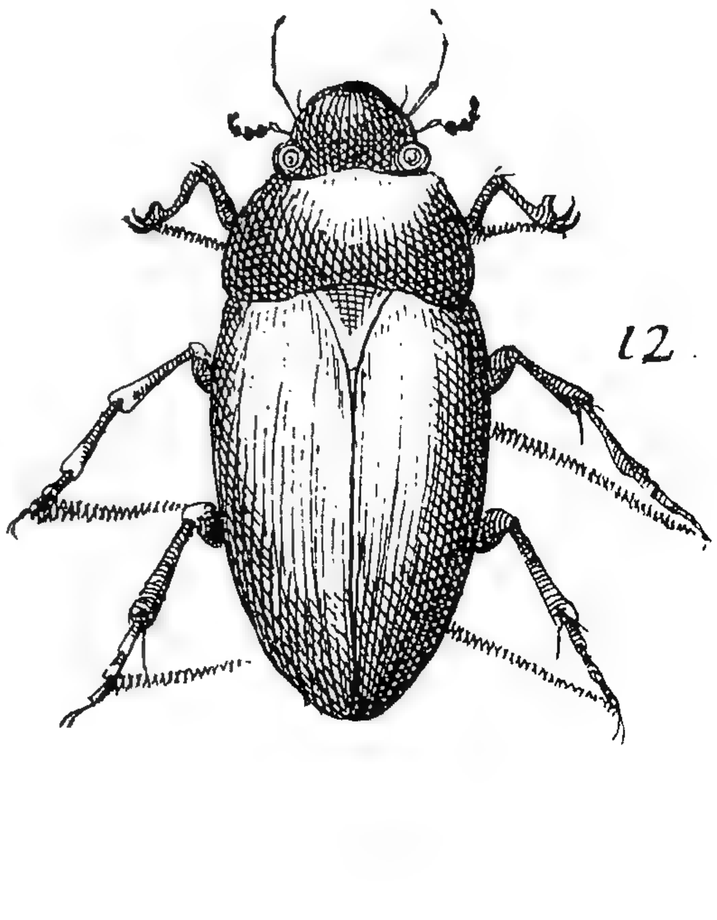
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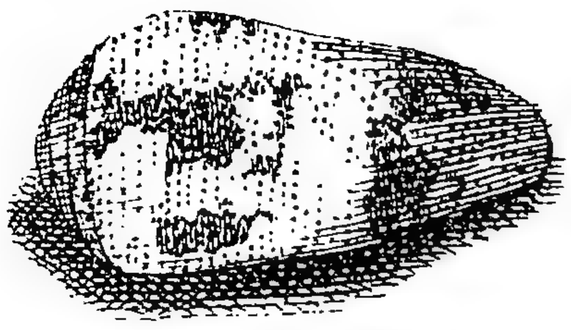
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TAB. LXXV.

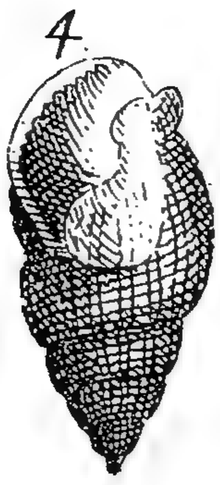
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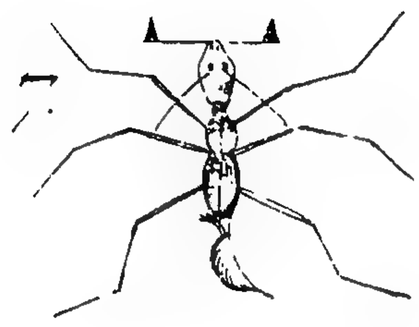
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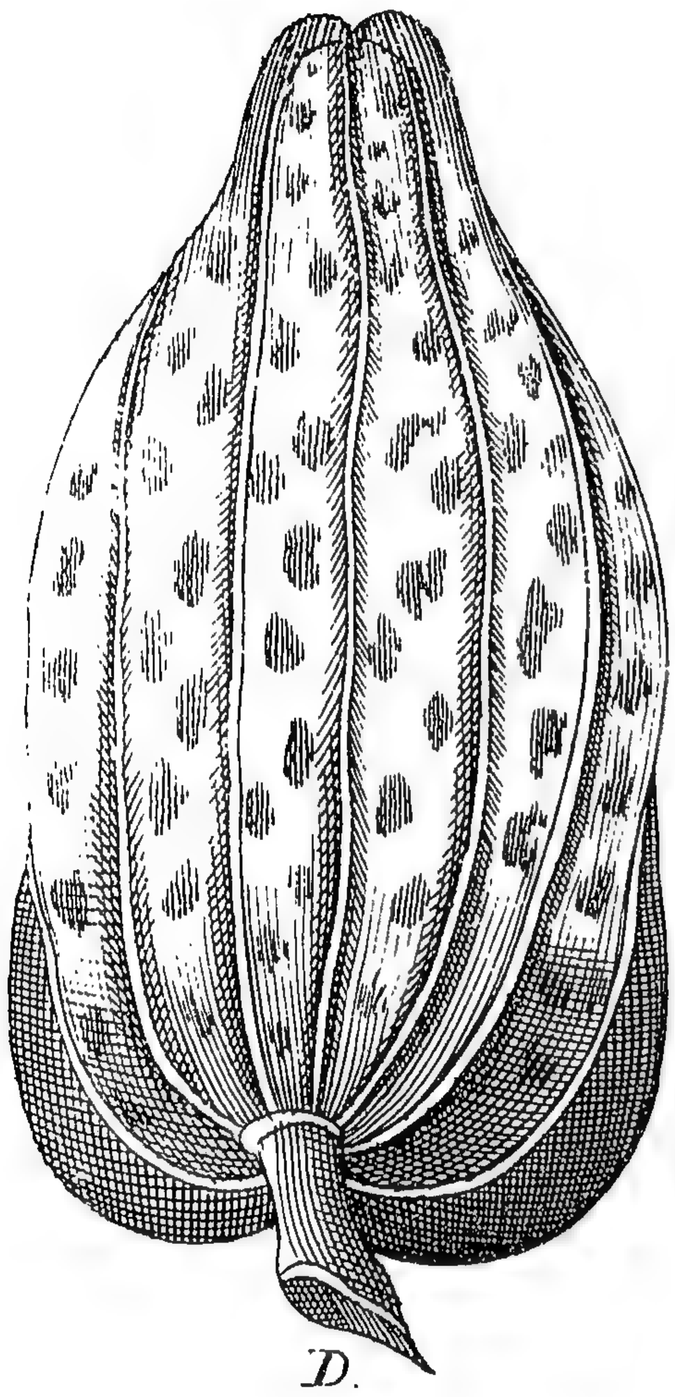
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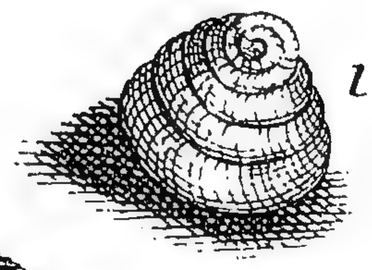
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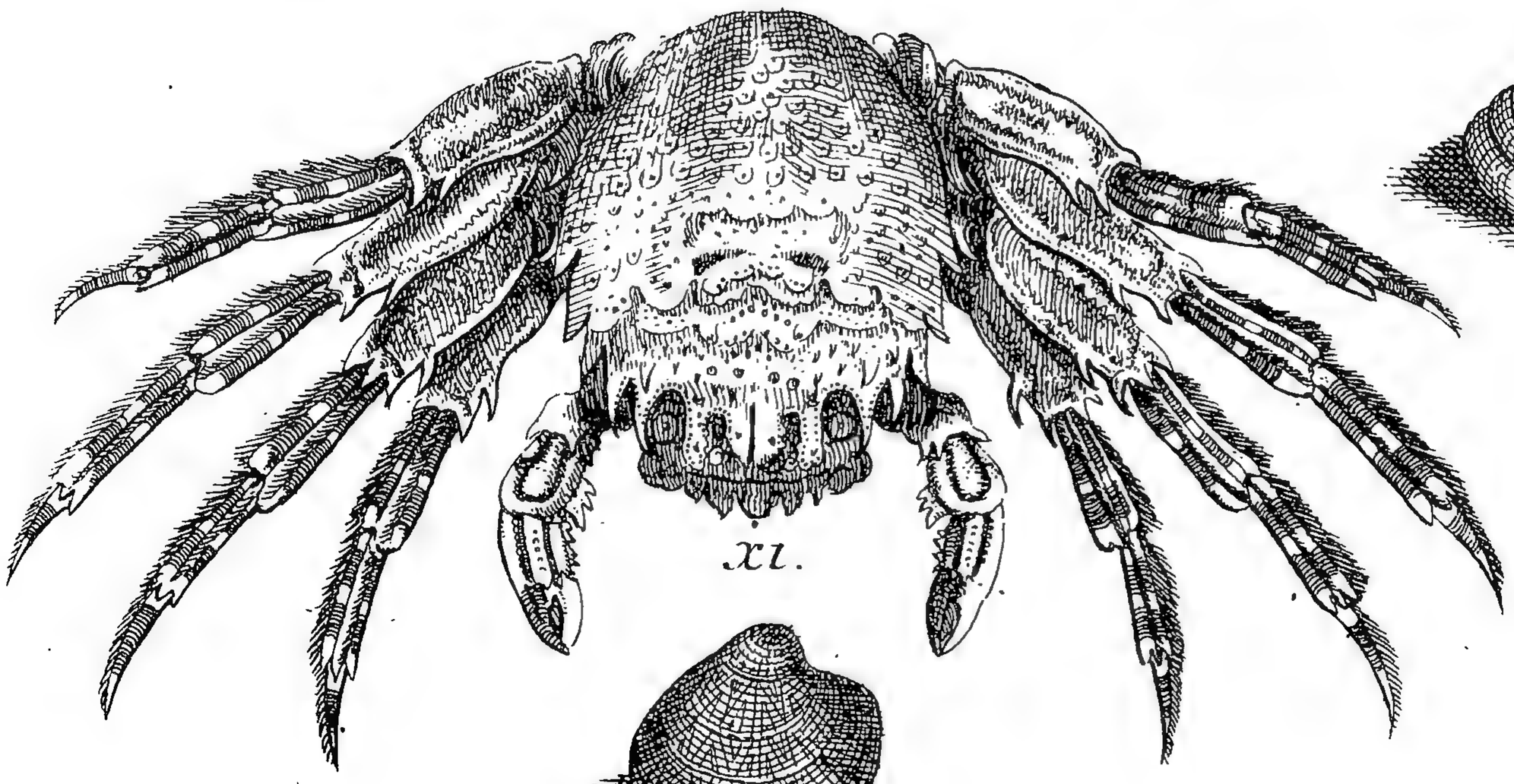
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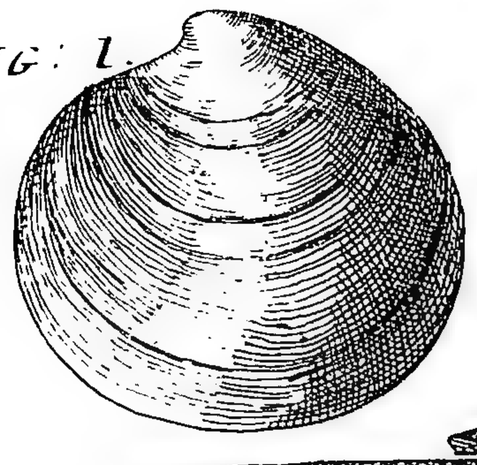


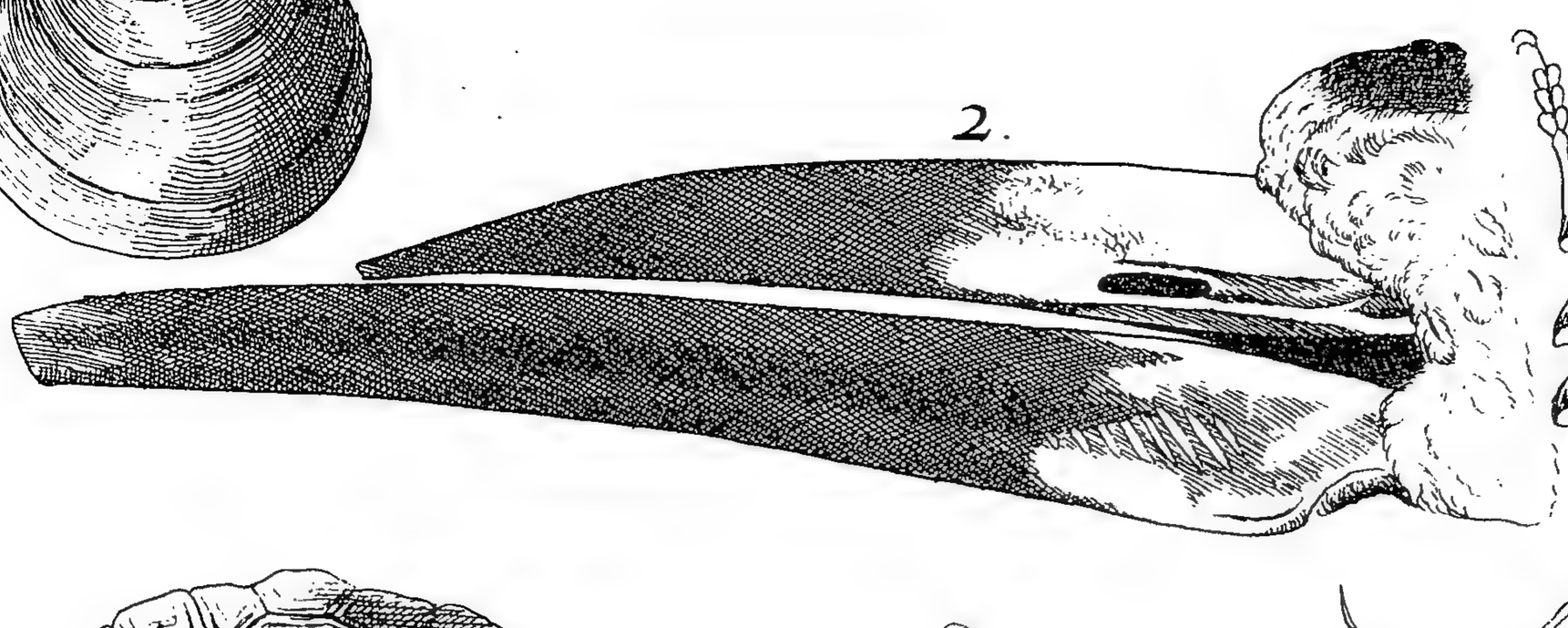
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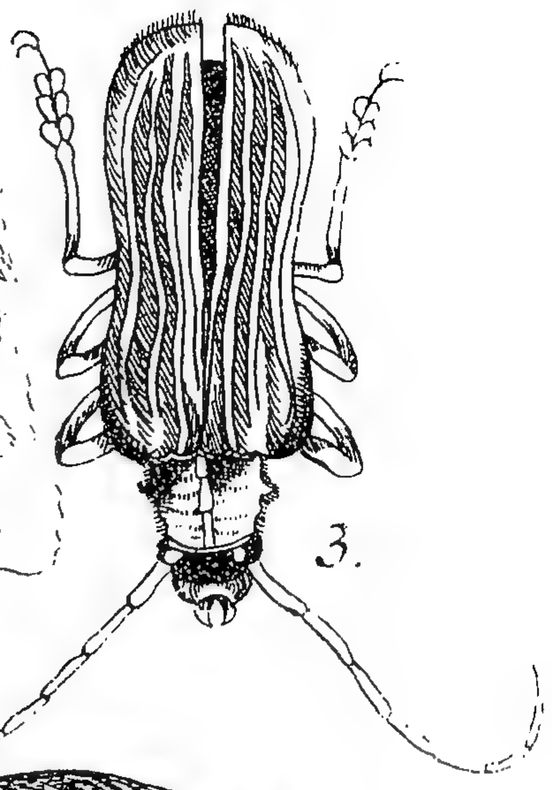
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FIG. 1.

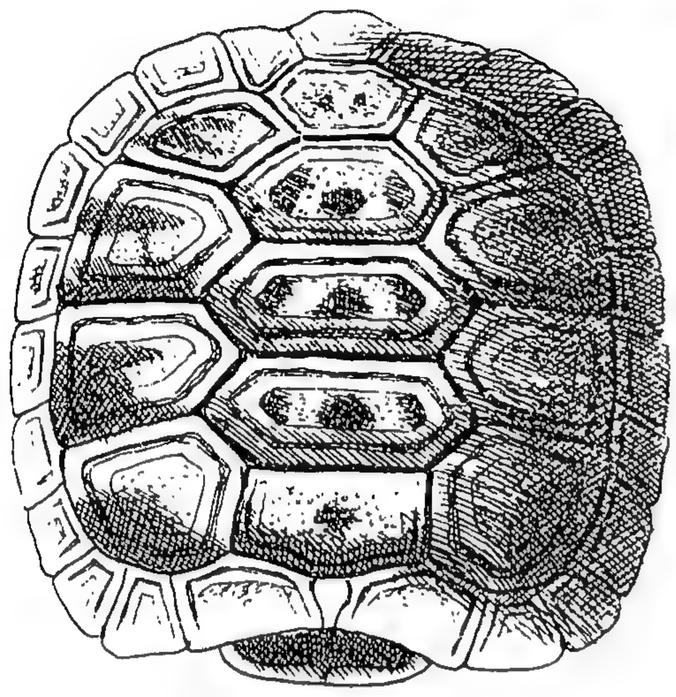




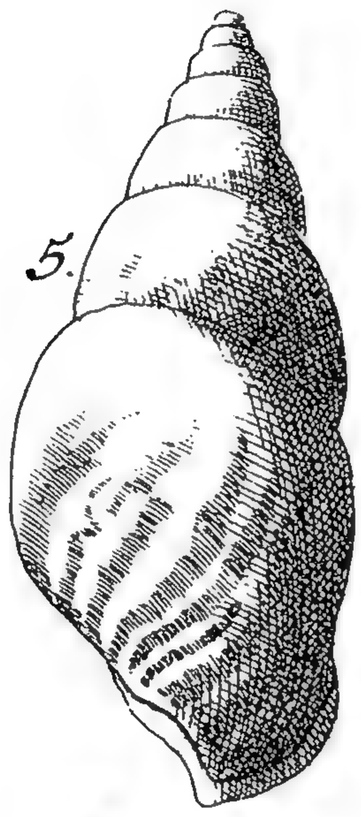
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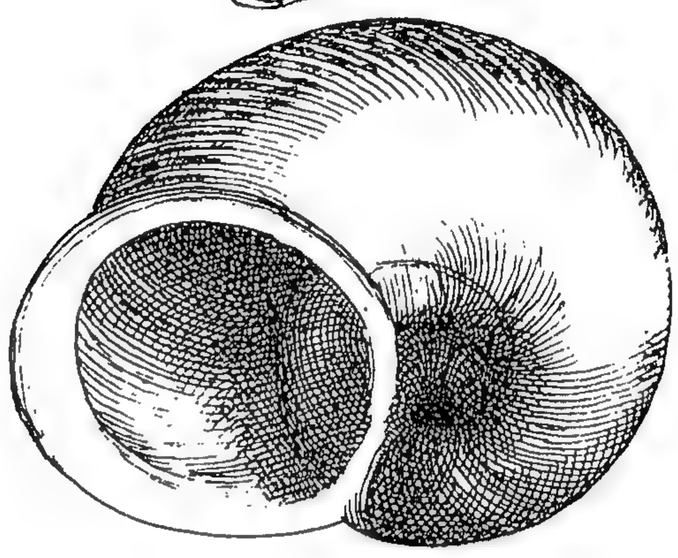
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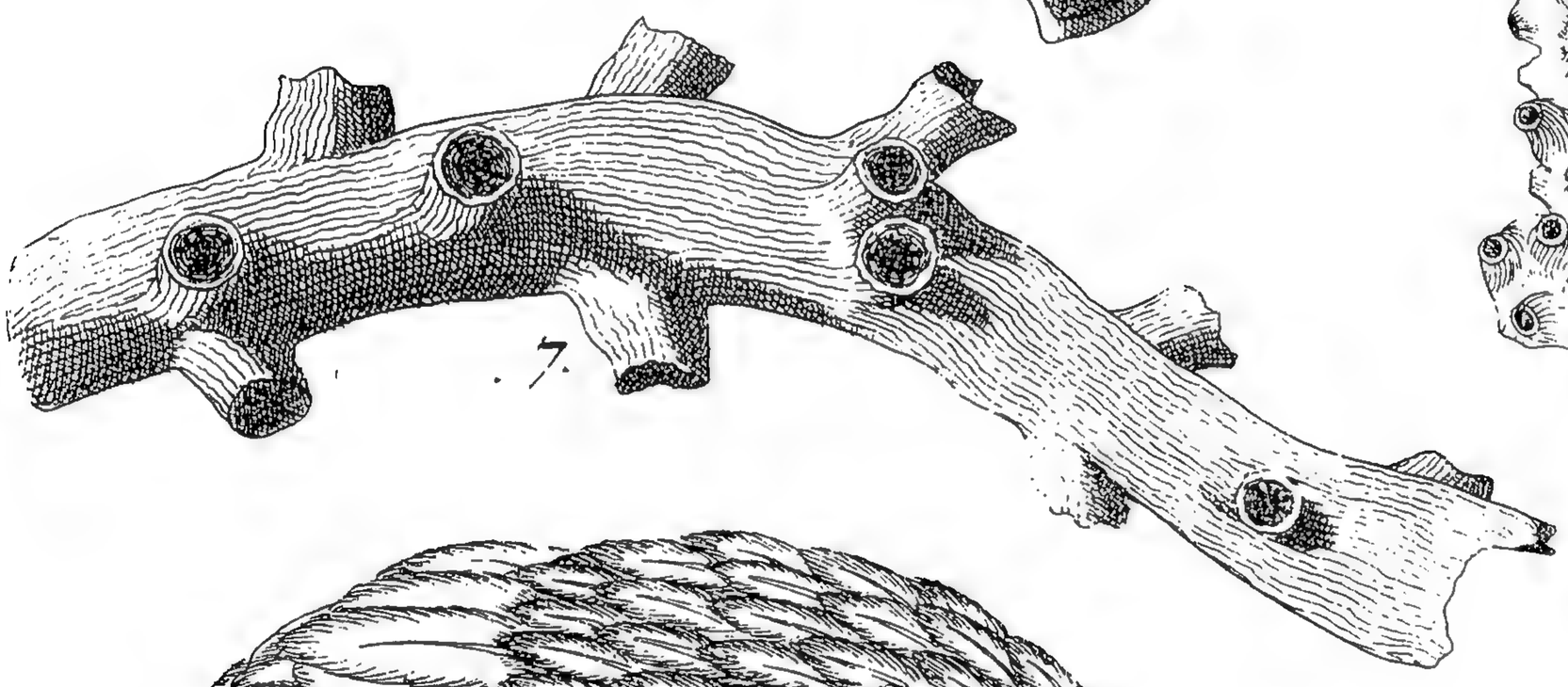
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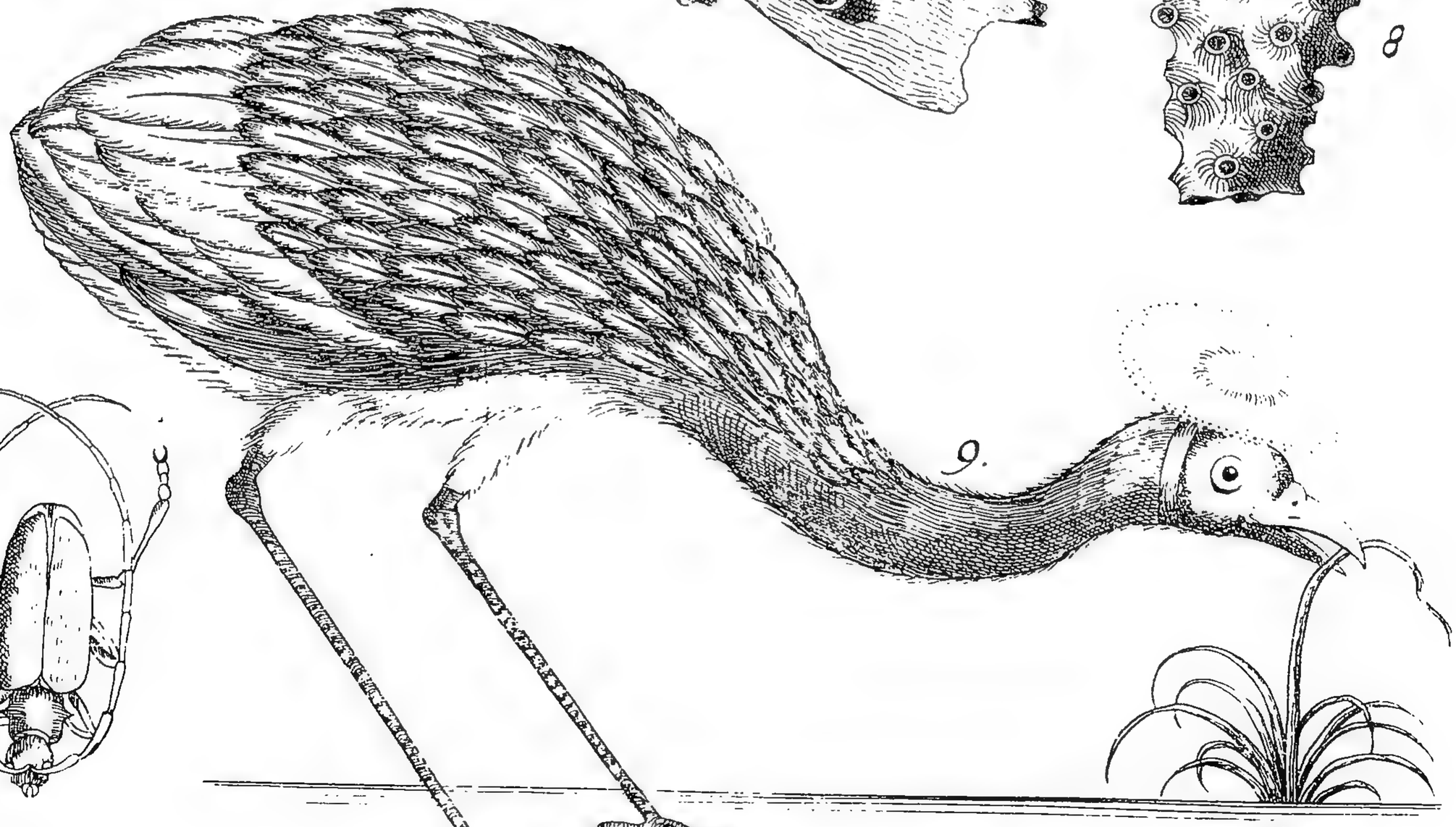
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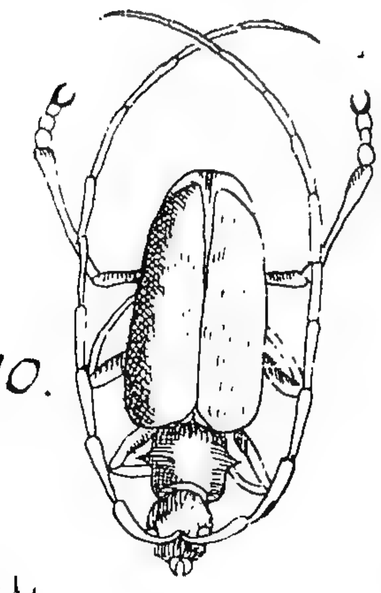
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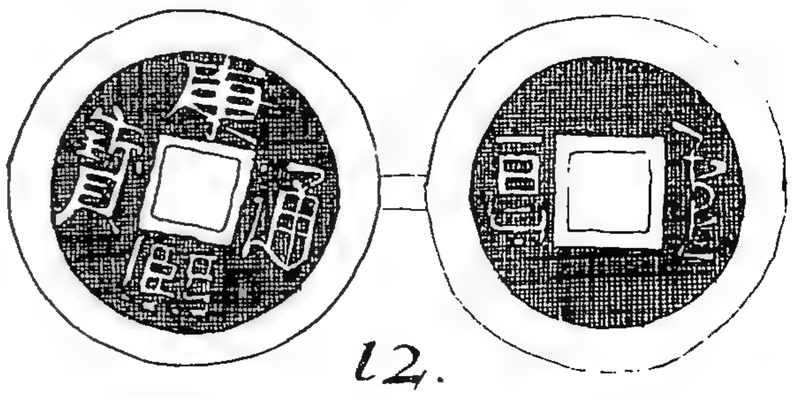
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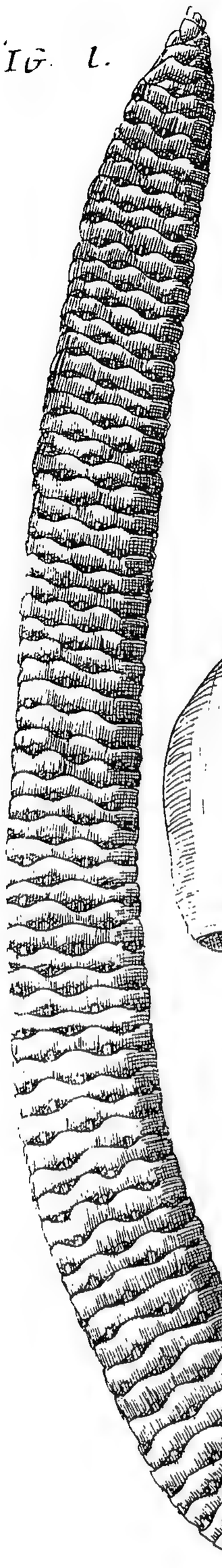


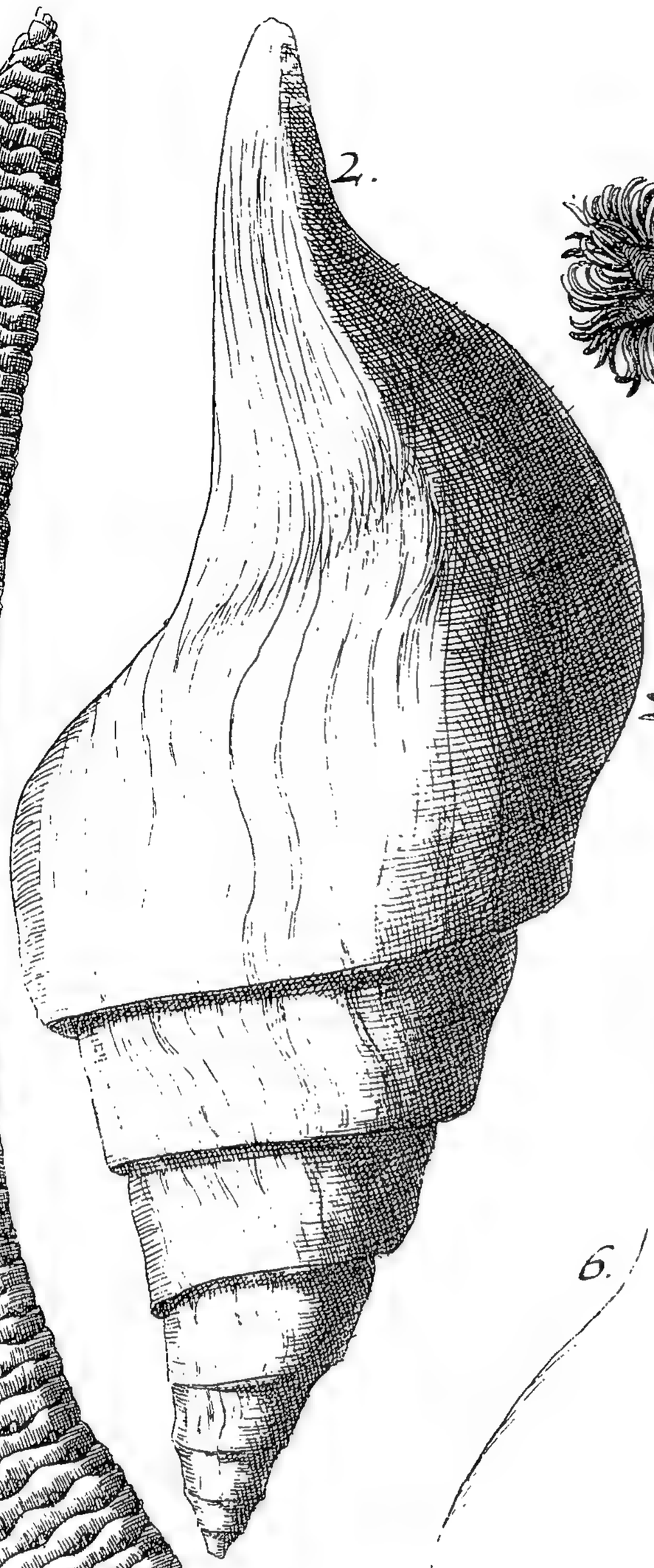
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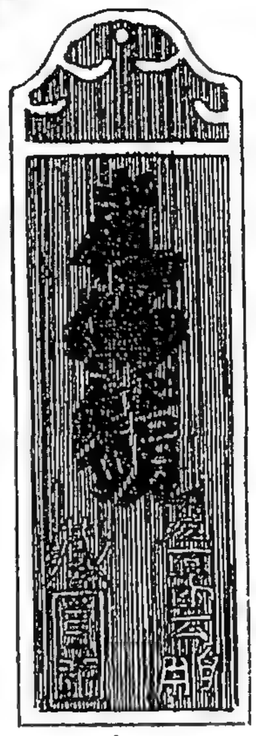




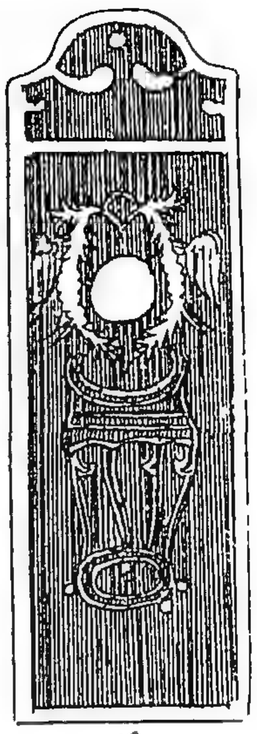
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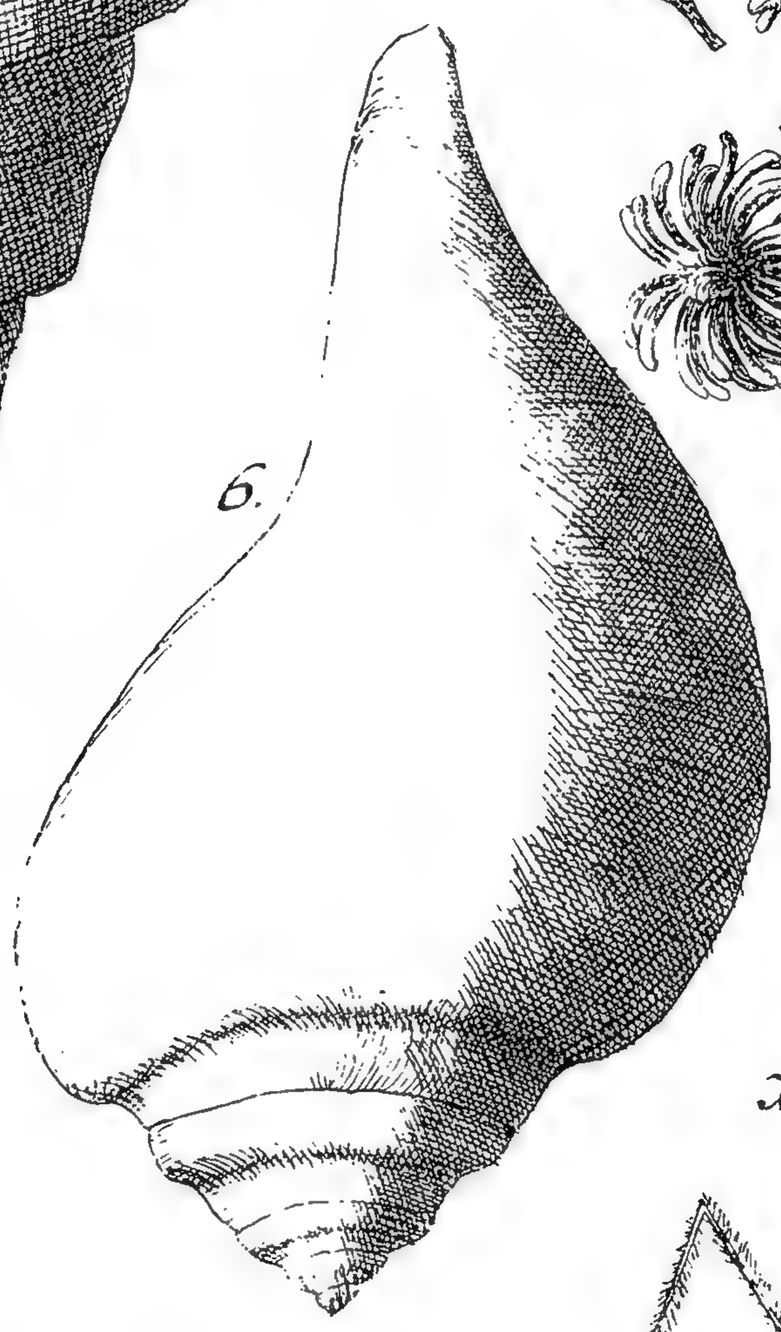
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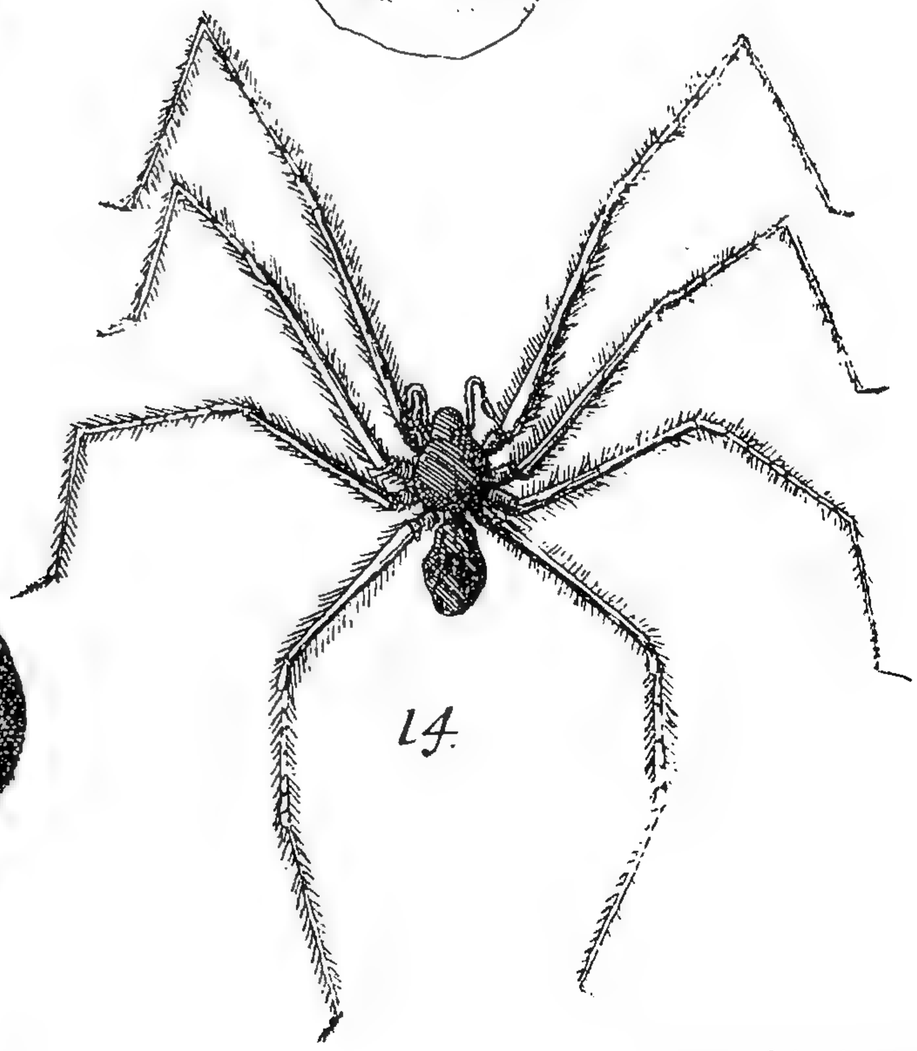


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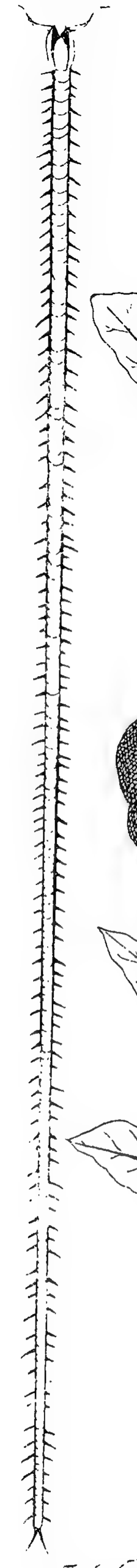
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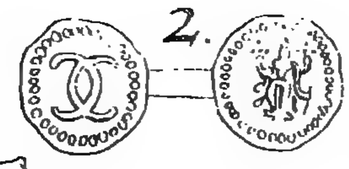
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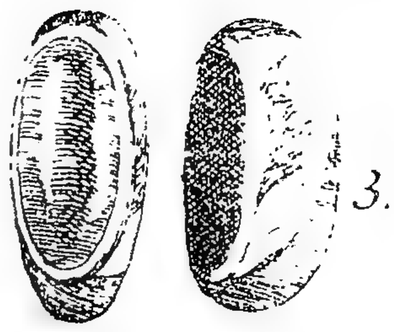
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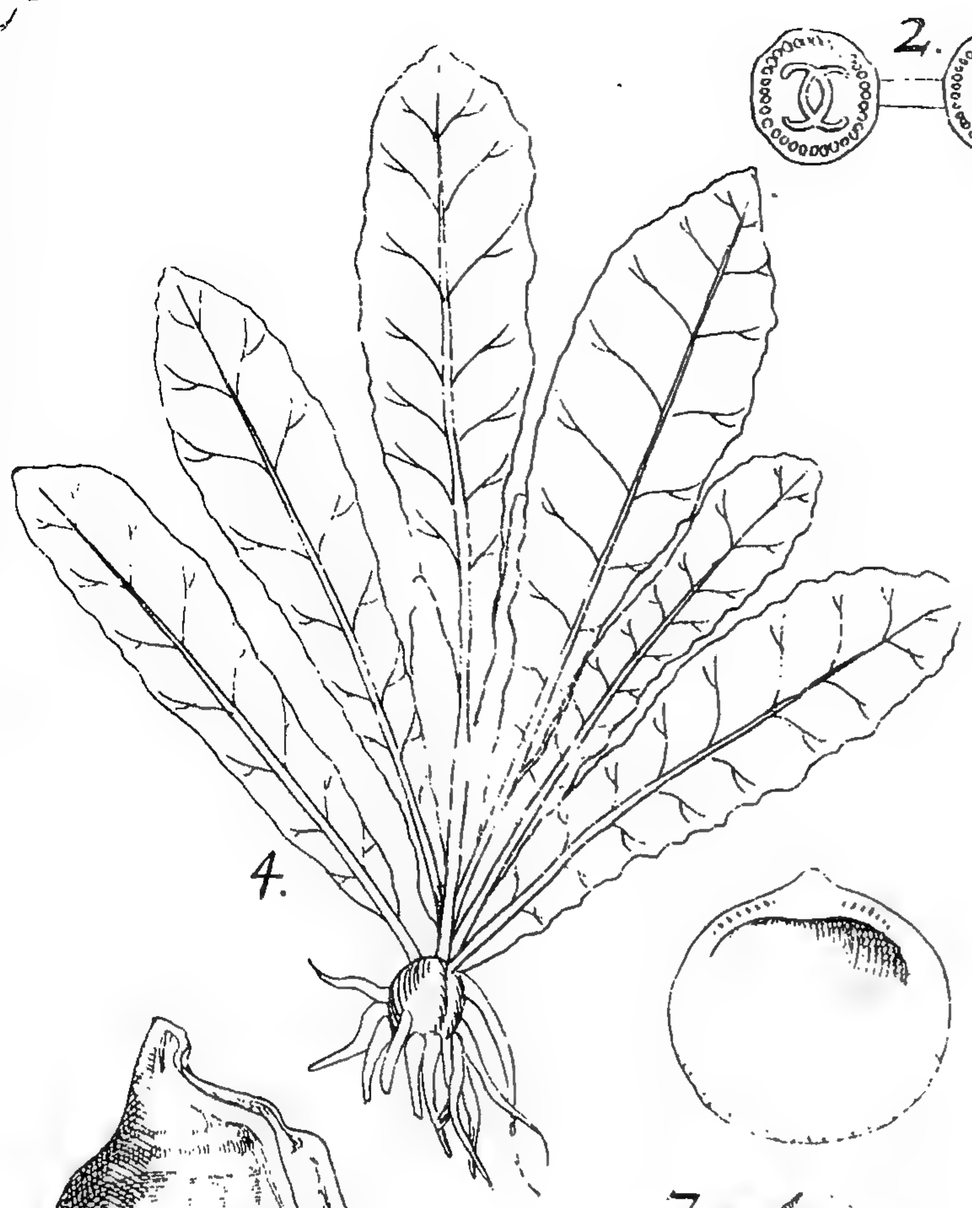
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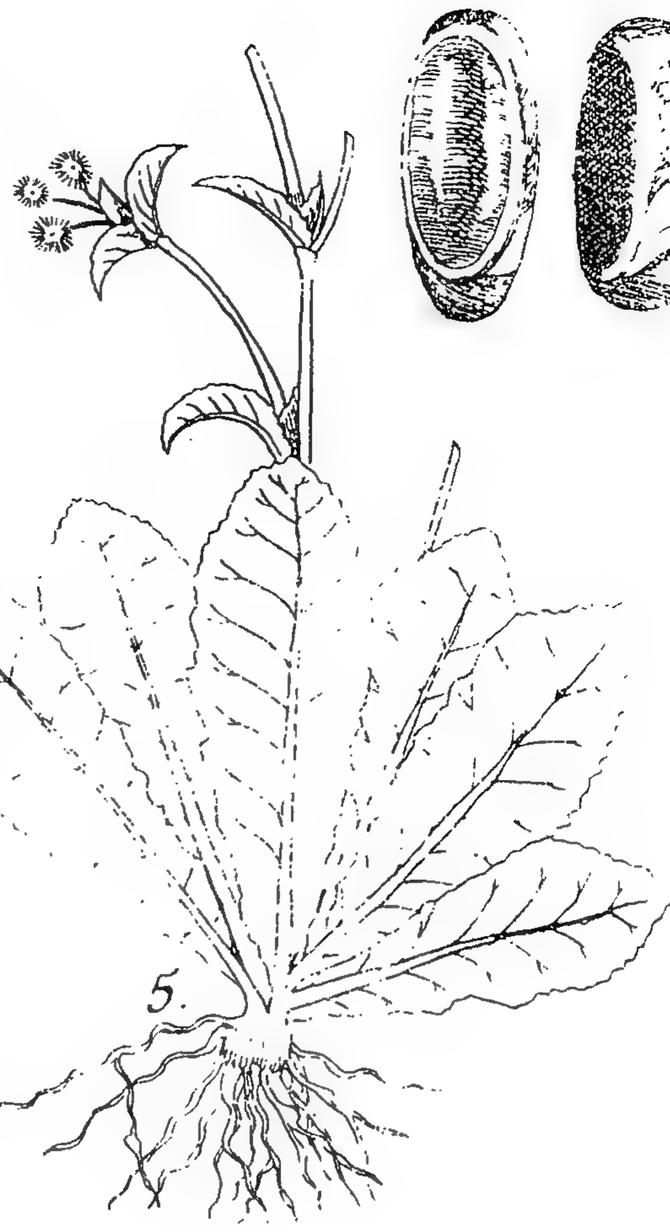
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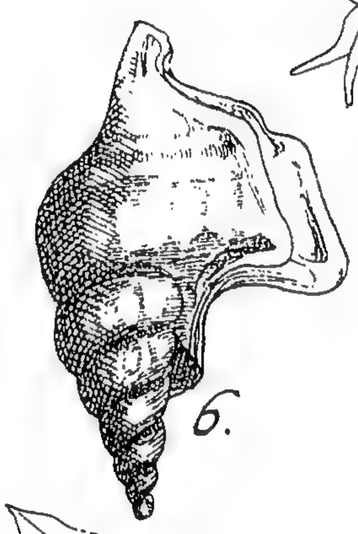


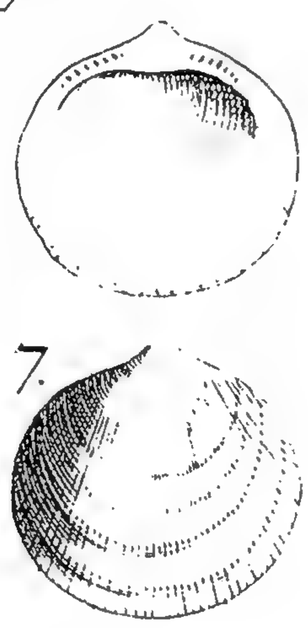

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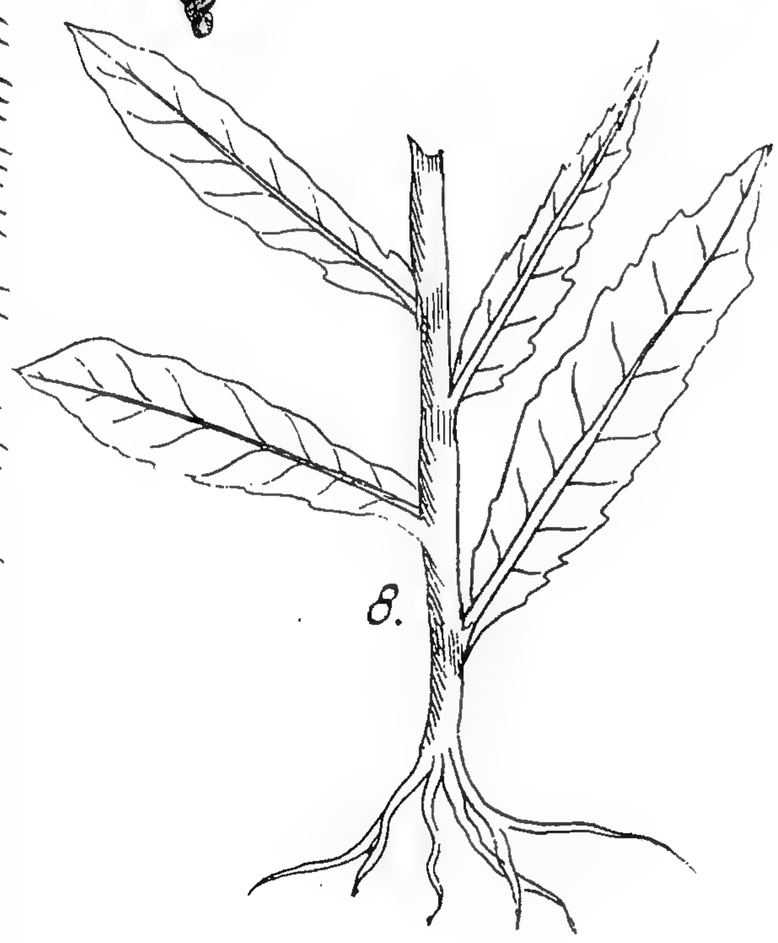

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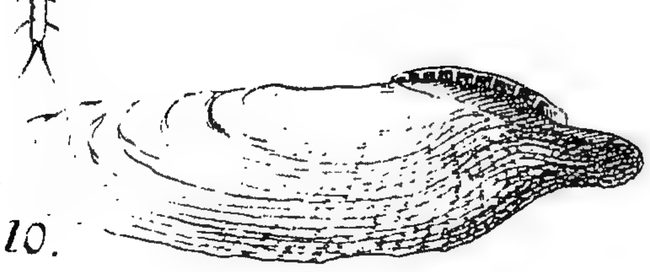

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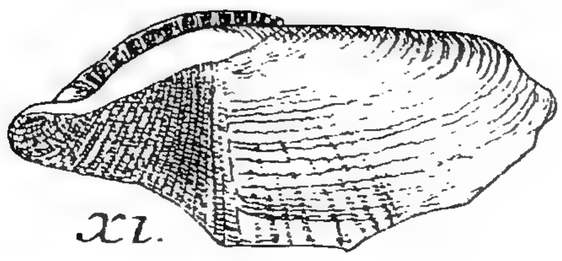

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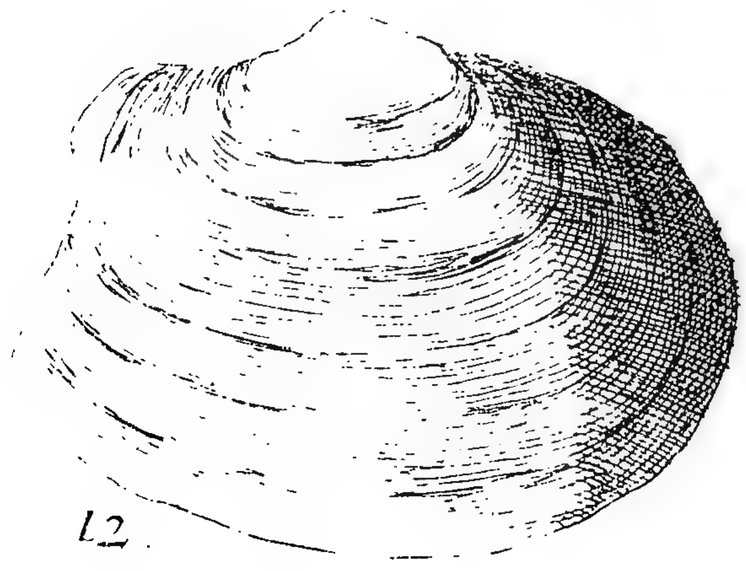

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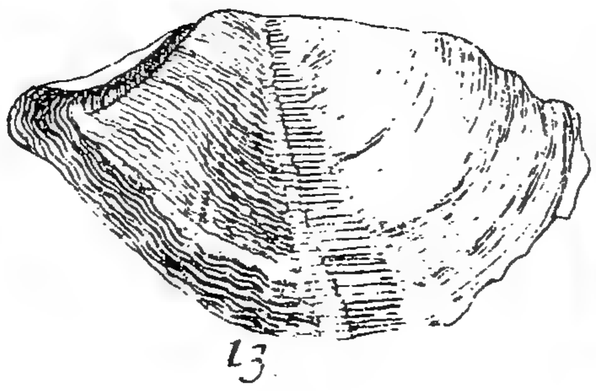

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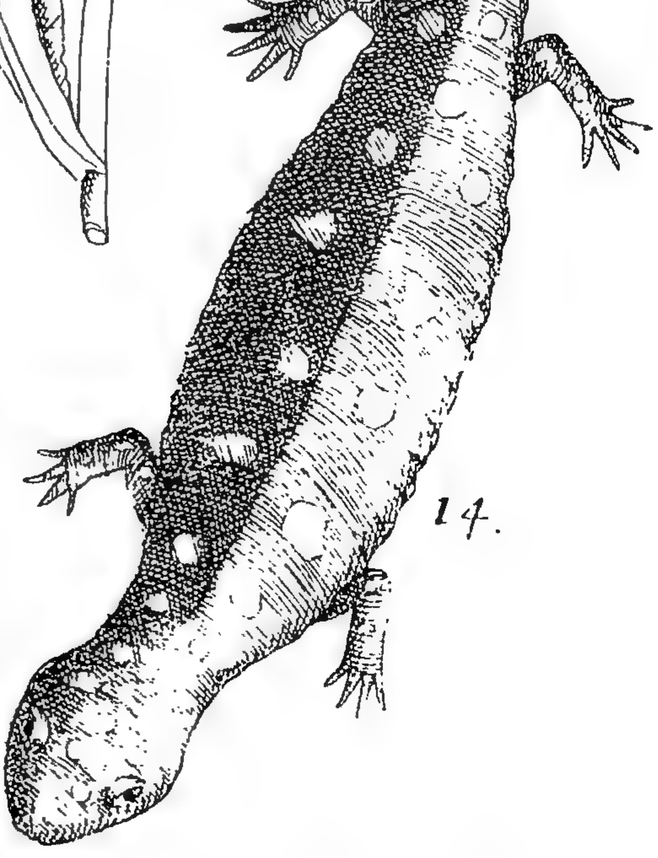

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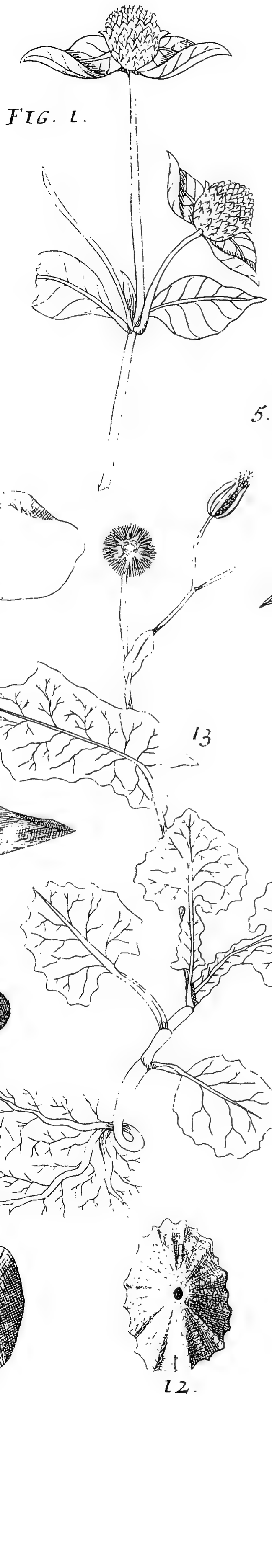

13.

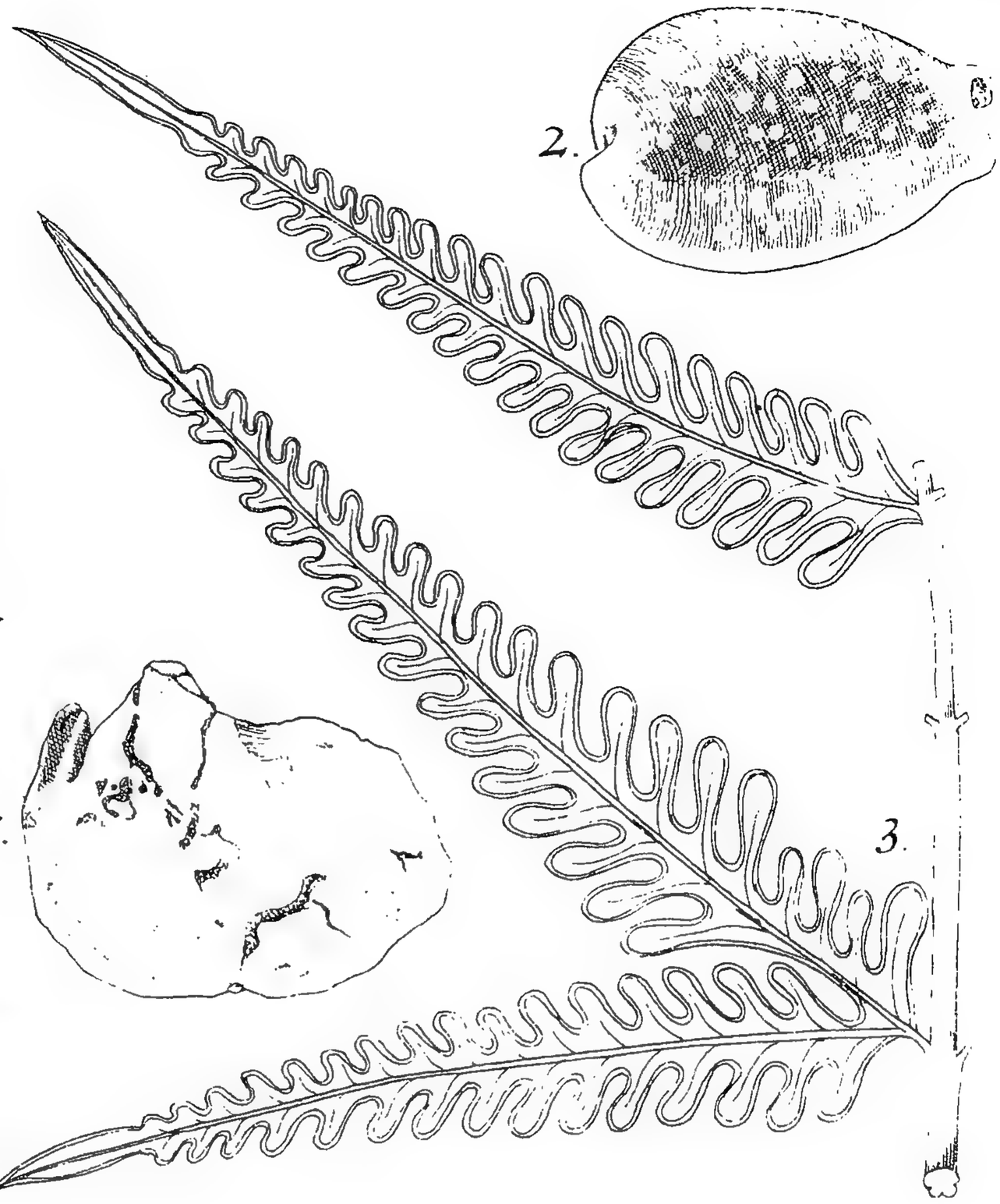

14.

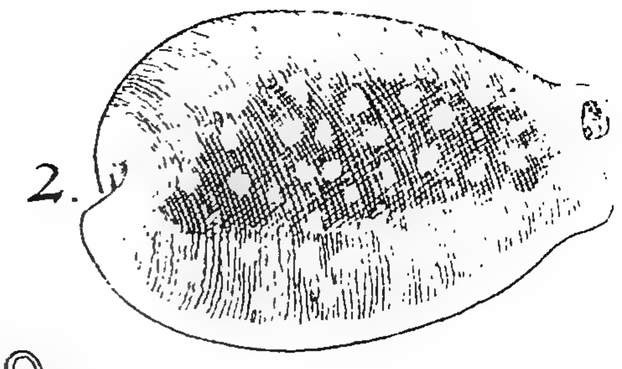
Sutton Nicholls fculp.

TAB LXXX.

FIG. 1.

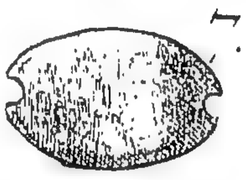




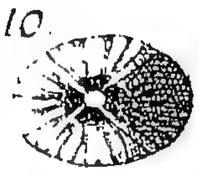




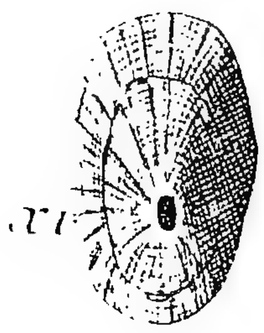






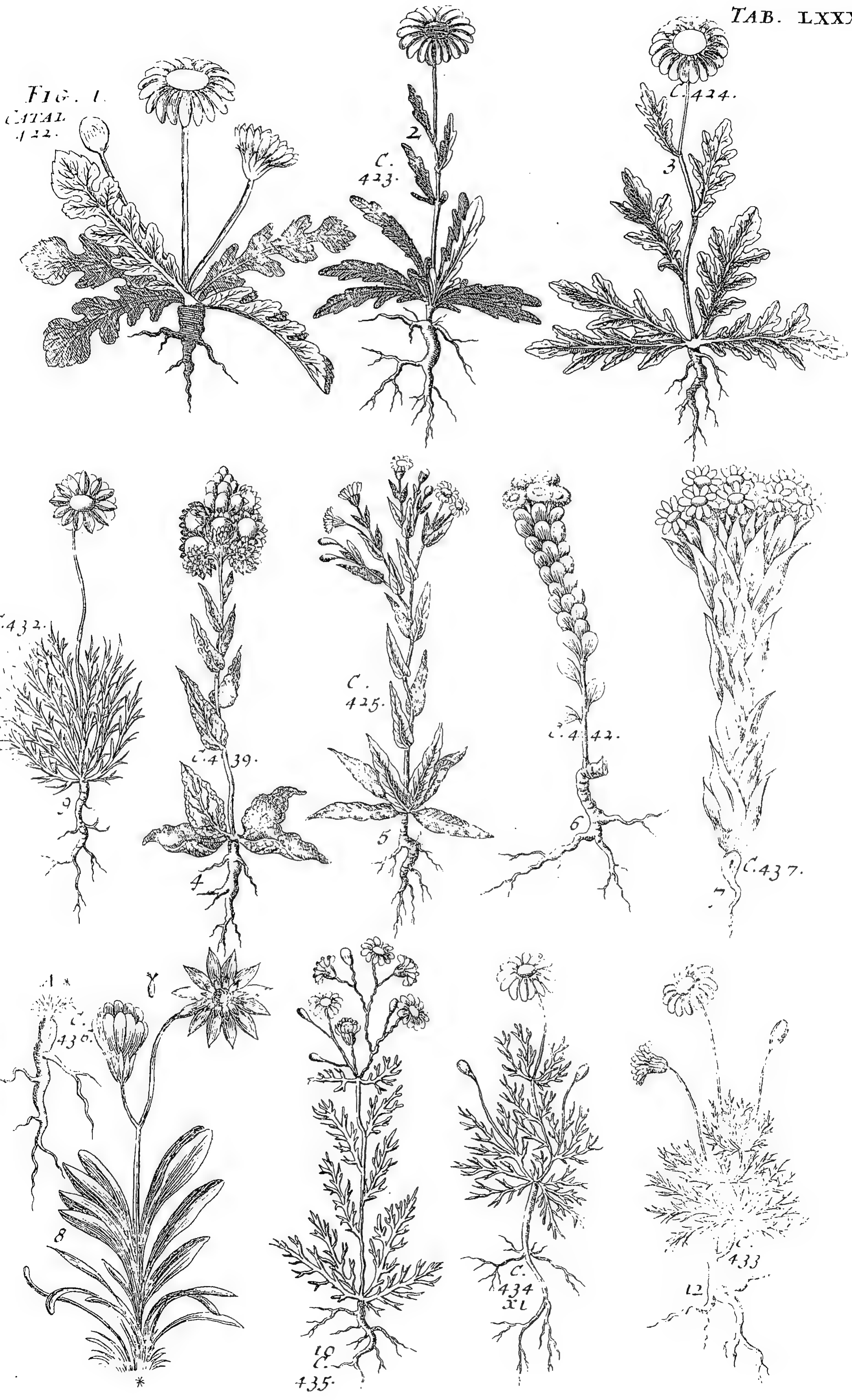






Sutton Nichols

TAB. LXXXI.


FIG. 1.
CATAL. 422.
2
C. 423.
C. 424.
3
C. 432.
9
C. 439.
4
C. 425.
5
C. 442.
6
C. 437.
7
C. 436.
1
8
C. 435.
10
C. 434
11
C. 433
12

TAB. LXXXII

FIG 1.
CAT. 428.

C. 429.
2

C. 430.
3

C. 428.
4

C. 431.
5

C. 426.
6

C. 440.
7

C. 441.
8

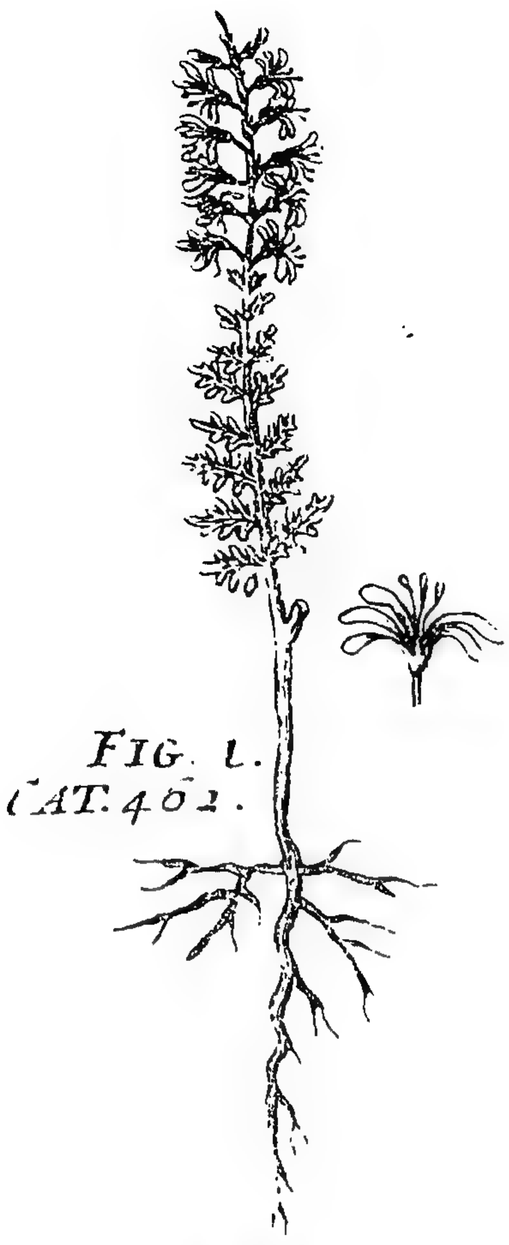
C. 438.*.
10

C. 445.
11

C. 444.
12

Tab LXXI

FIG. 1.
CAT. 402.





2 C. 514.



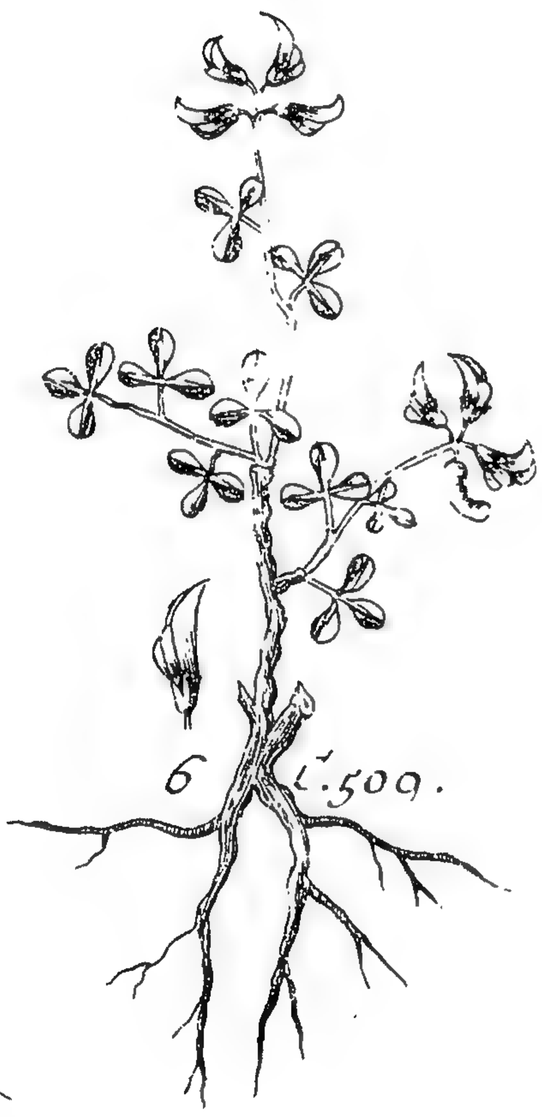
3 C. 515.



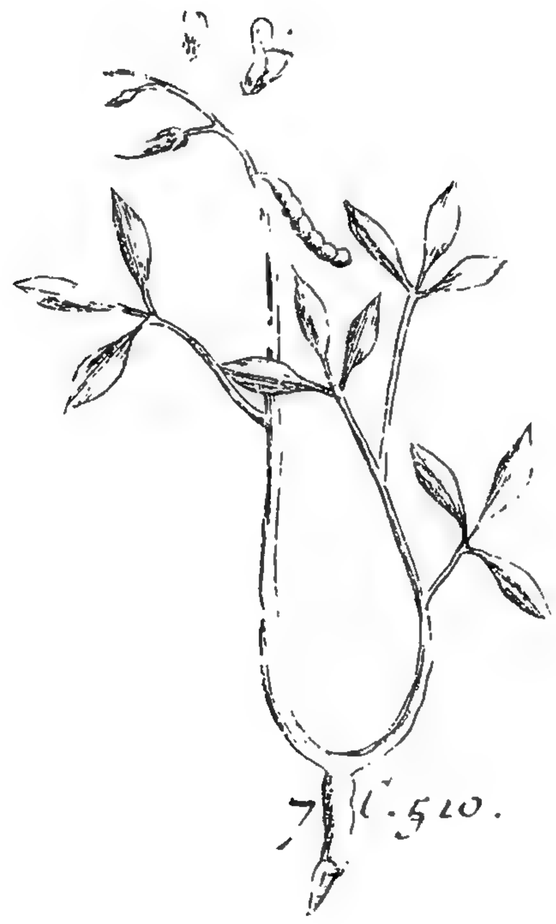
4 C. 512.



C. 513.
5



6 C. 509.



7 C. 510.



8 C. 511.



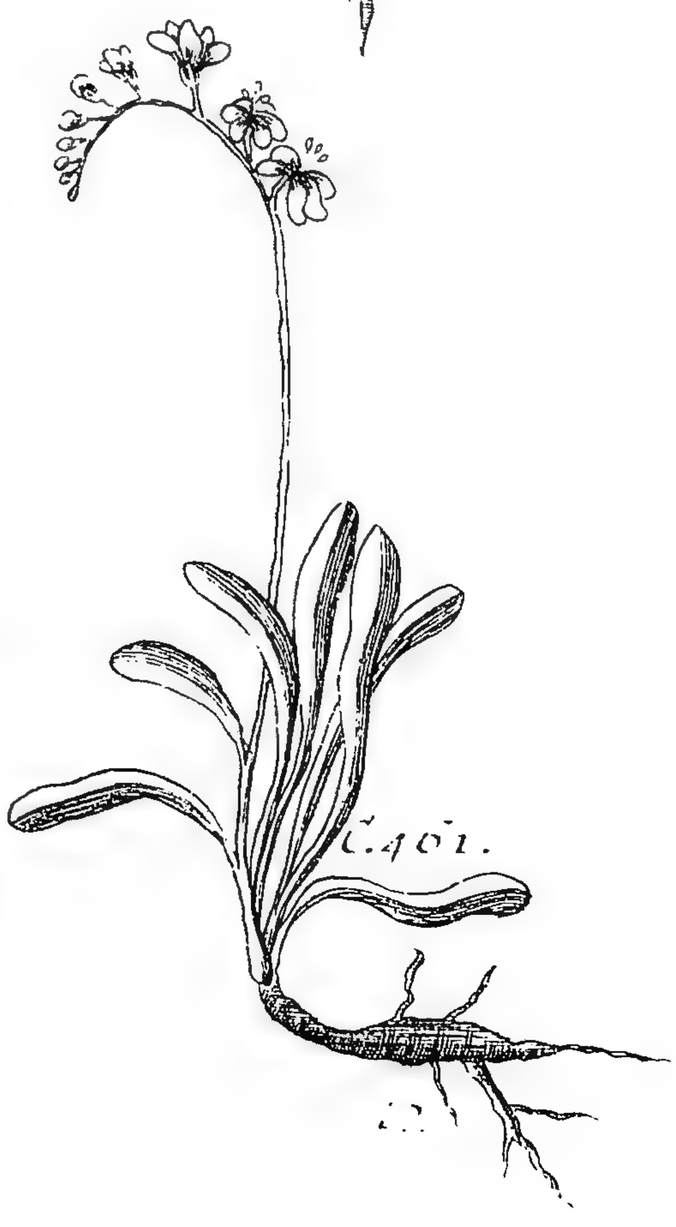
C. 516.
9



10

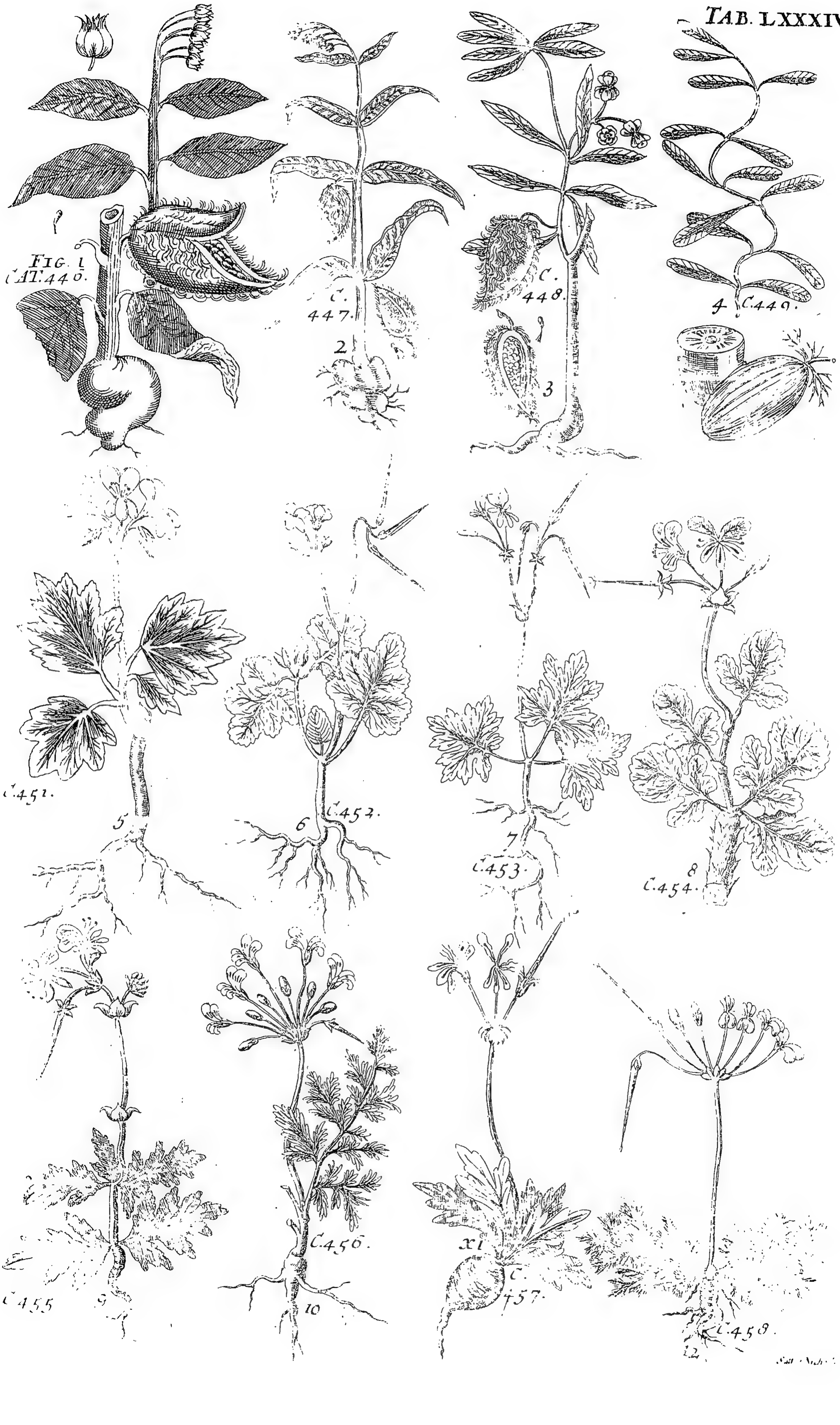


11



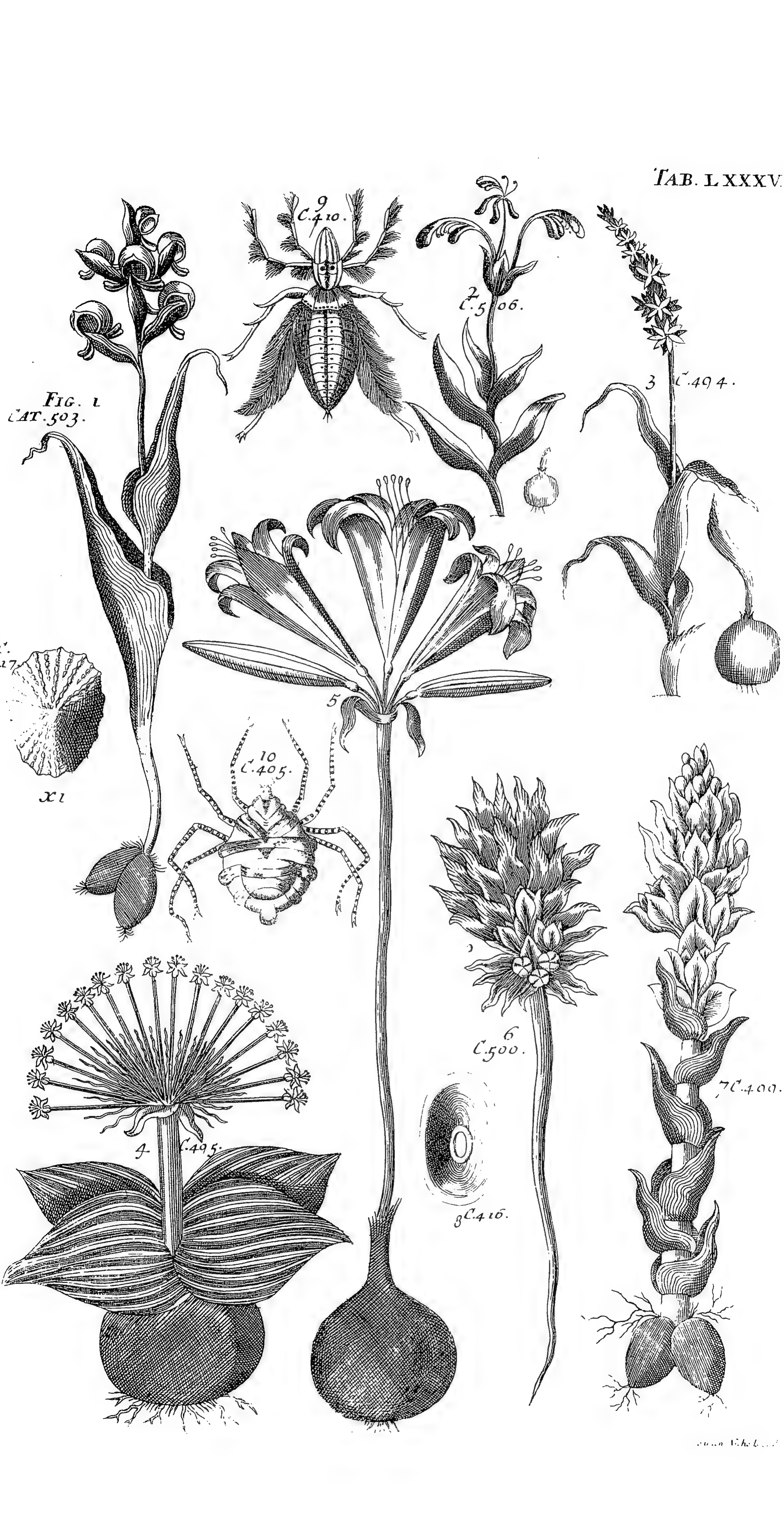
C. 401.
12

TAB. LXXXIV.


FIG. 1.
C. 446.
C. 447.
2
C. 448.
3
4 C. 449.
C. 451.
5
6 C. 452.
7
C. 453.
8
C. 454.
C. 455.
9
10 C. 456.
C. 457.
11
12 C. 458.

TAB. LXXXV.

FIG. 1
CAT. 503.



TAB LXXXVI

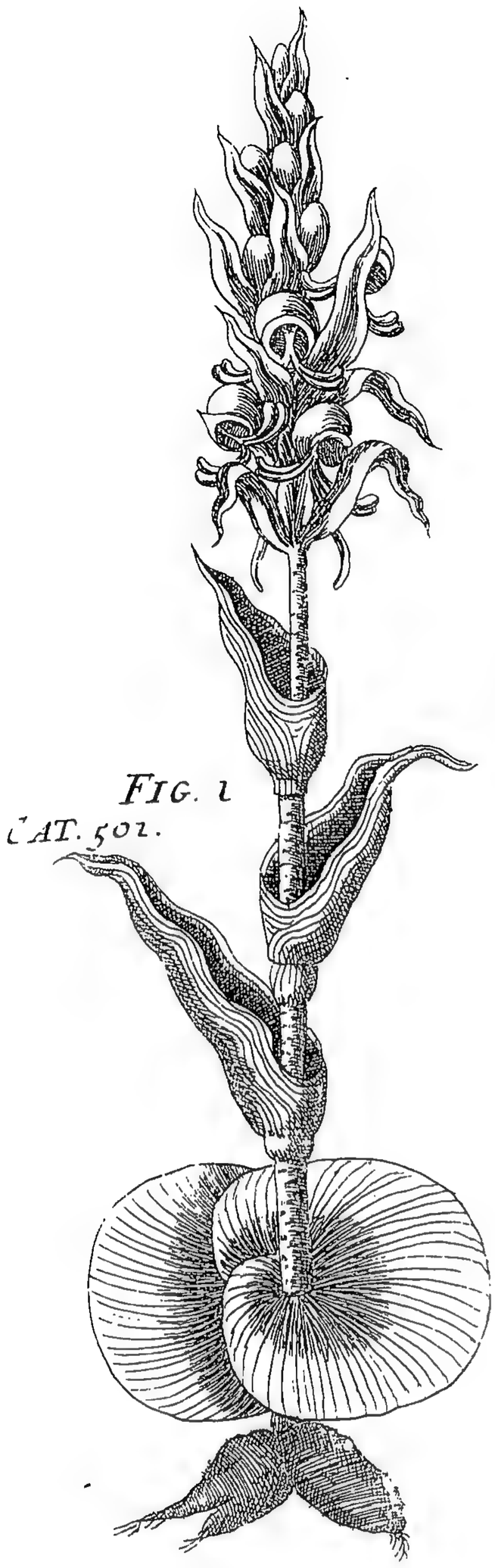
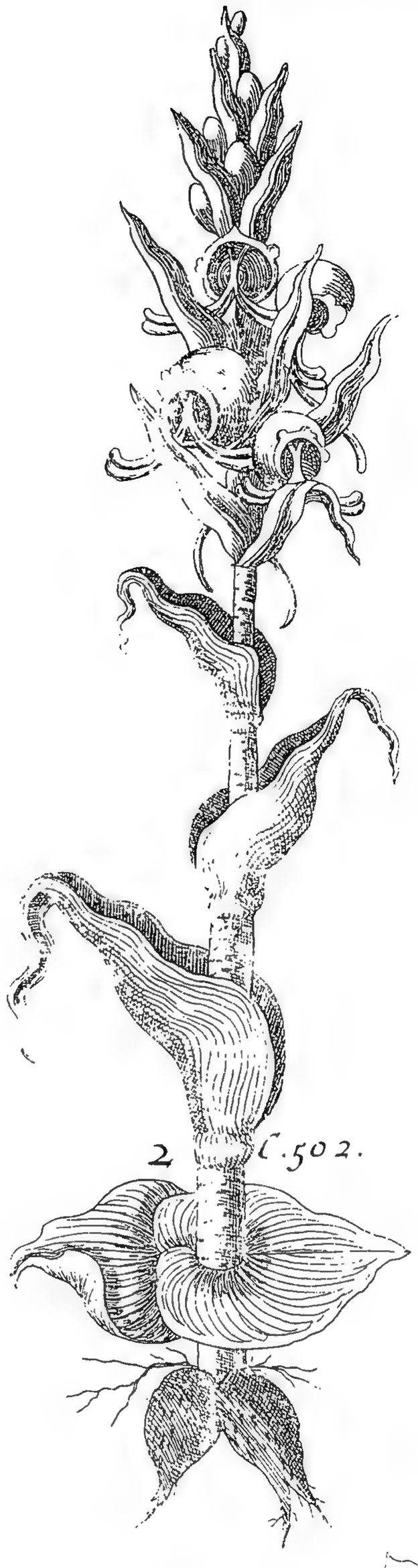


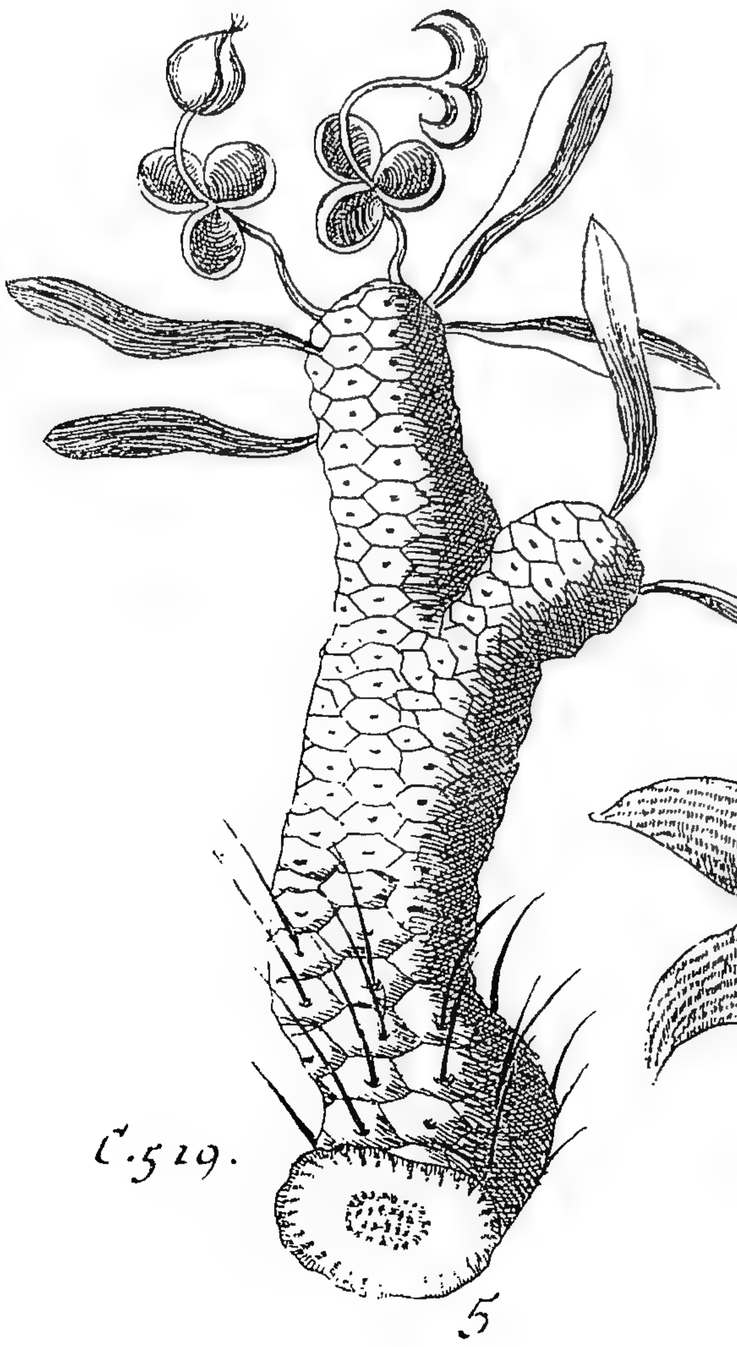
FIG. 1
CAT. 502.



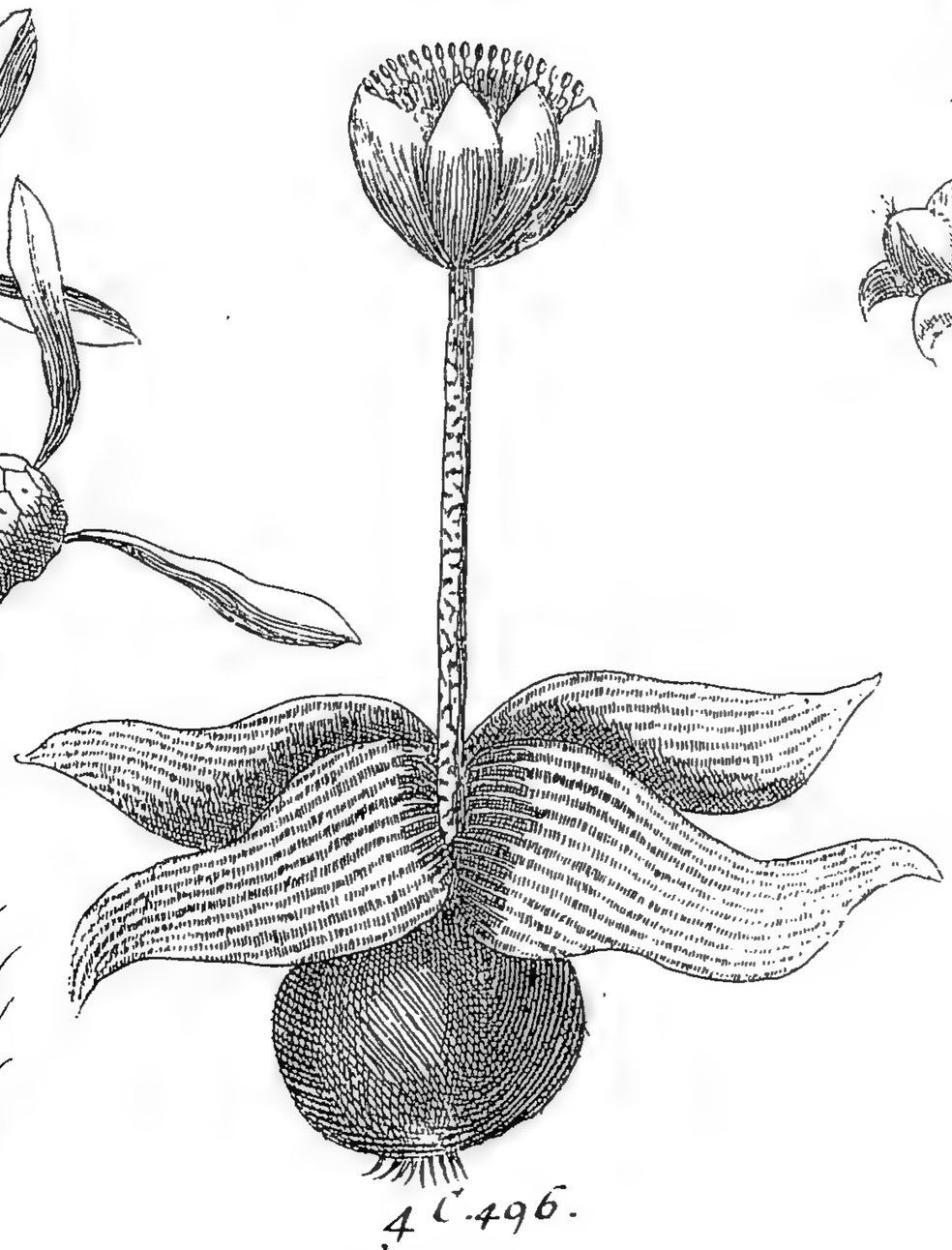
3
C.504.



2 C.502.



5
C.519.



4 C.496.



6 C.520.

Simon Nicholls sculp

TAB. LXX[illegible]

FIG. 1. C.498.

2 C.507.

3 C.492.

4 C.491.

5 C.508.

6

C. 493.

7

8

9 C. 465.

10 C.529.

11 C.530.

12 C.528.

Sutton. Nichell.

FIG. 1.
C. 464.
2
C. 463.
3
C. 466.
4
C. 476.
5
C. 477.
6
C. 478.
7
C. 487.
8
C. 479.
9
C. 480.

TAB. LXXXIX

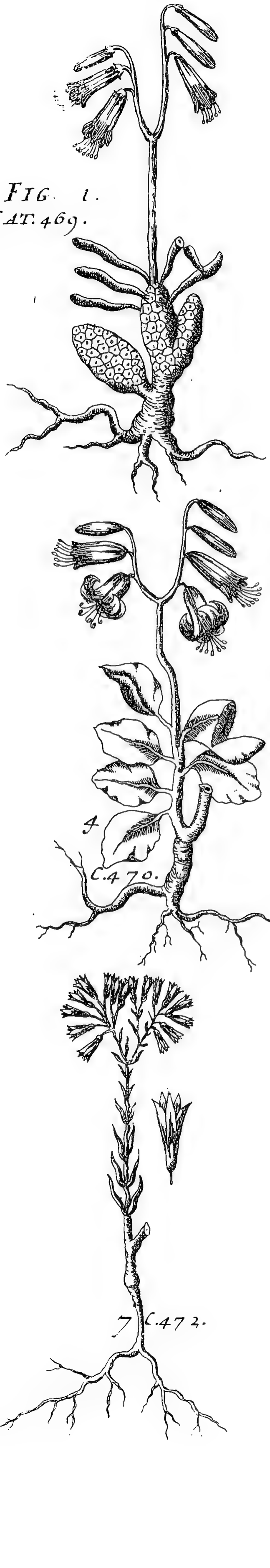


FIG. 1.
CAT. 469.



2 C.468.



3
C.467.

4
C.470.



5 C.472.

6
C.474.

7 C.472.

8 C.473.

9 C.475.

Sutton Nicholls sculp.

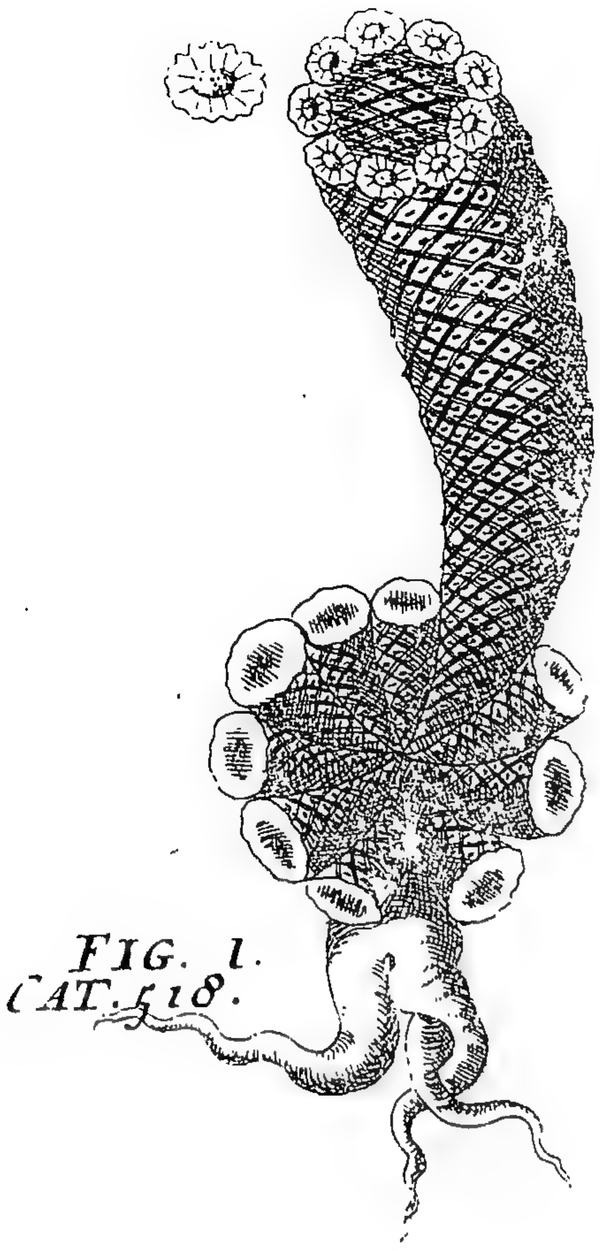
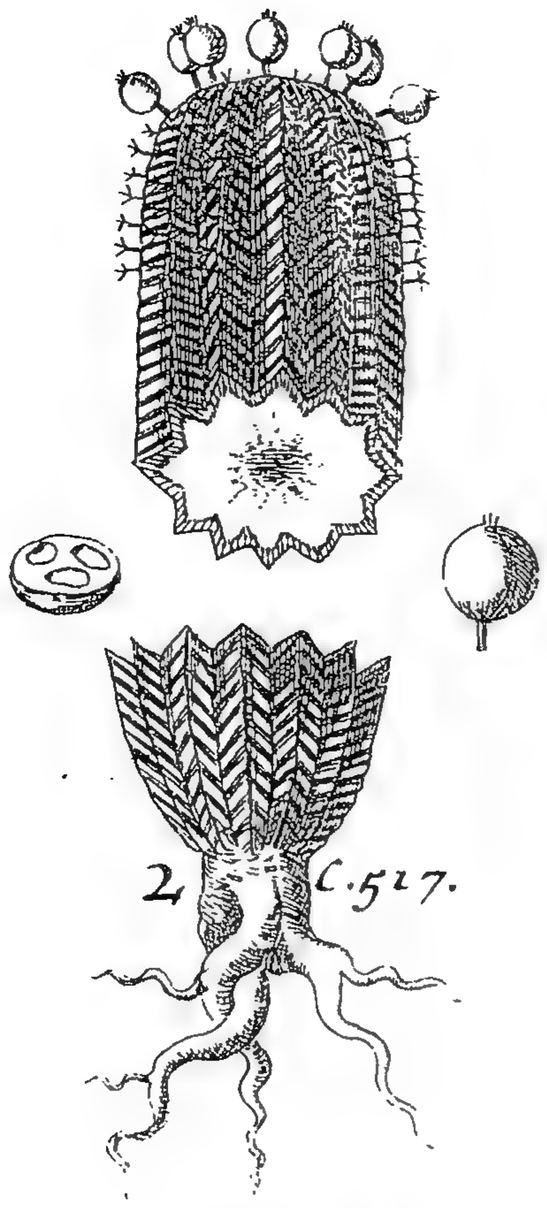
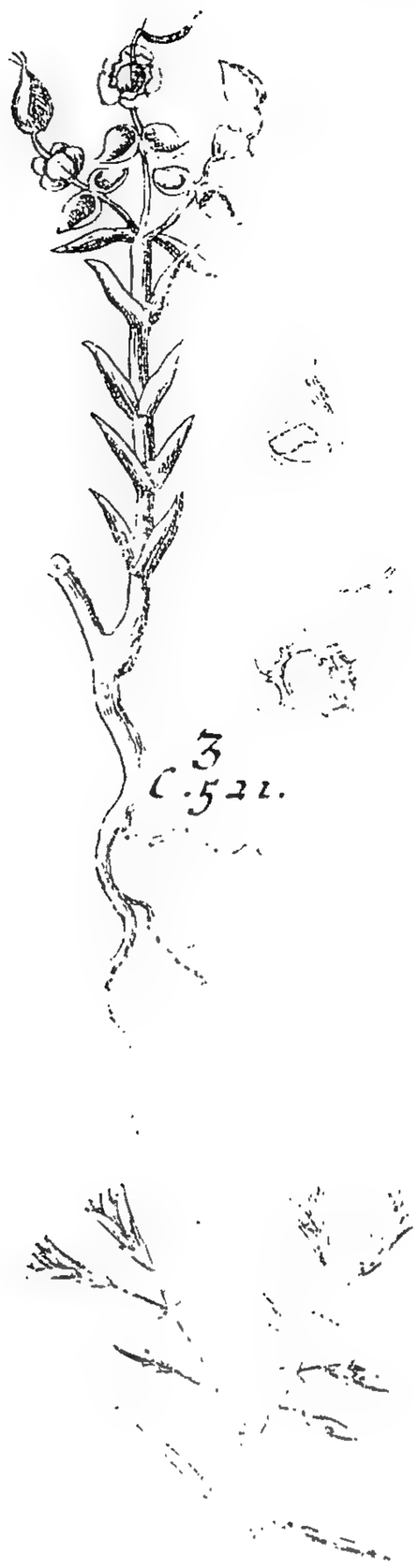


FIG. 1.
CAT. 518.



2 C. 517.



3
C. 521.



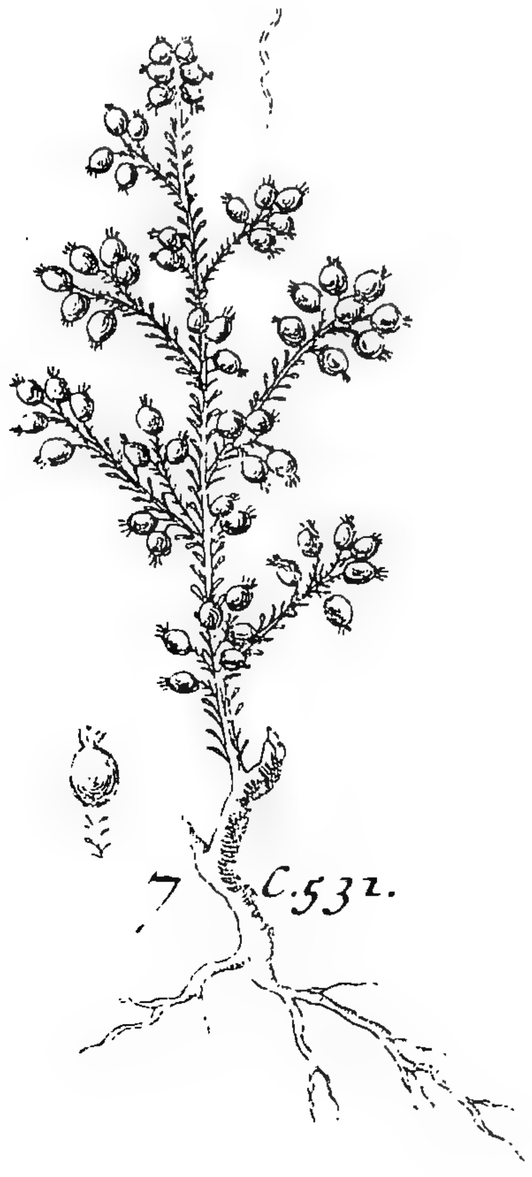
4 C. 450.



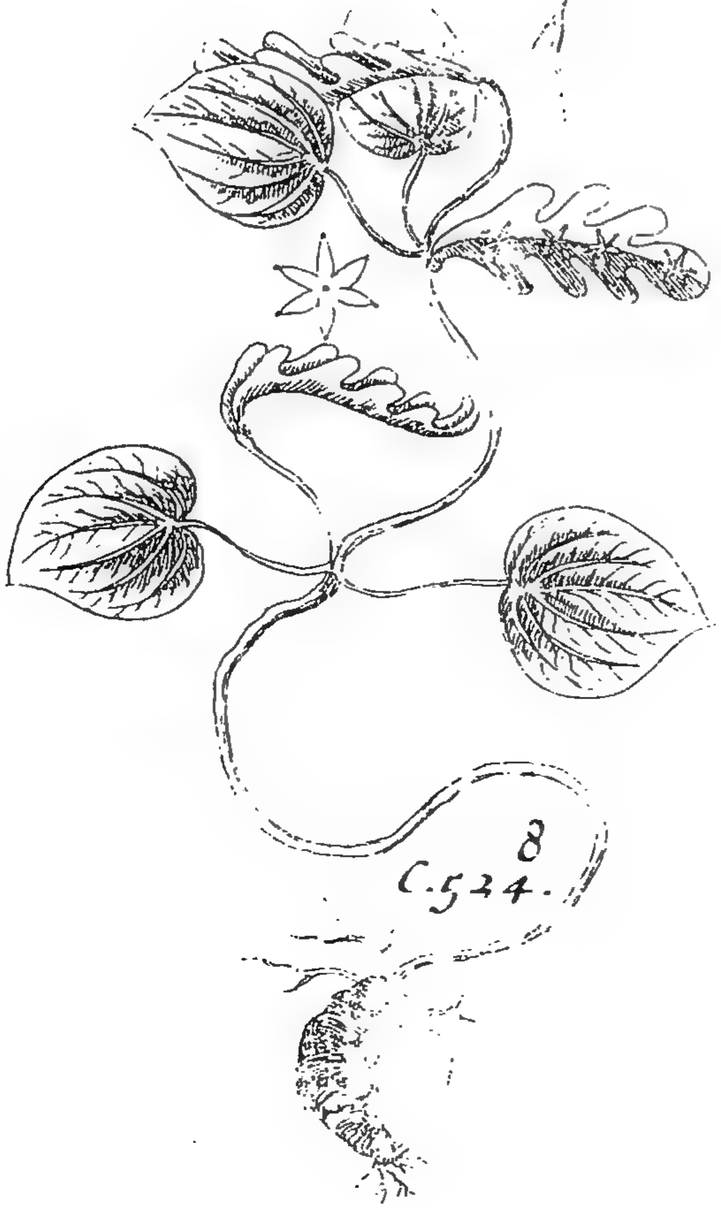
5
C. 460.



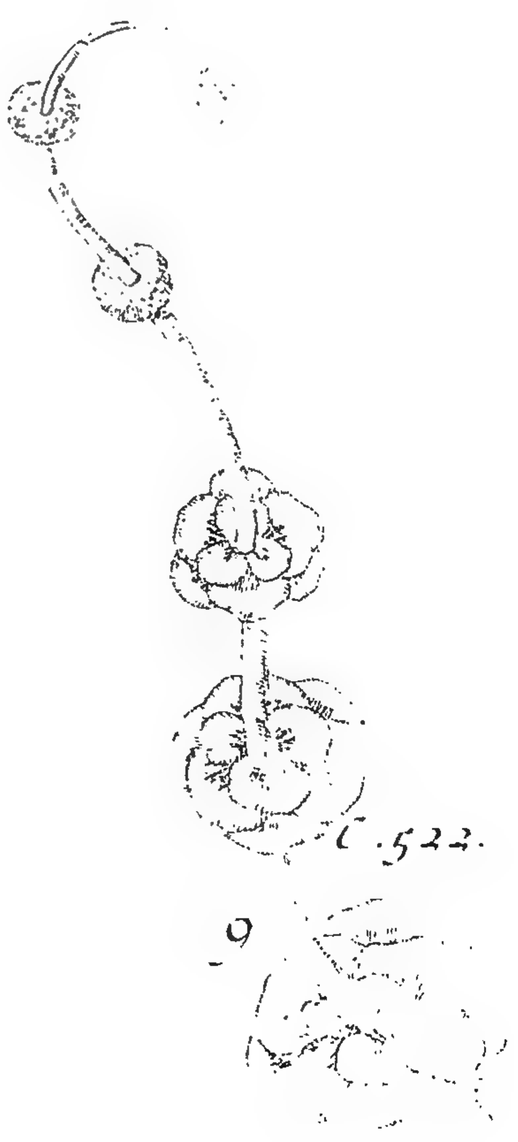
6 C. 450.



7 C. 532.



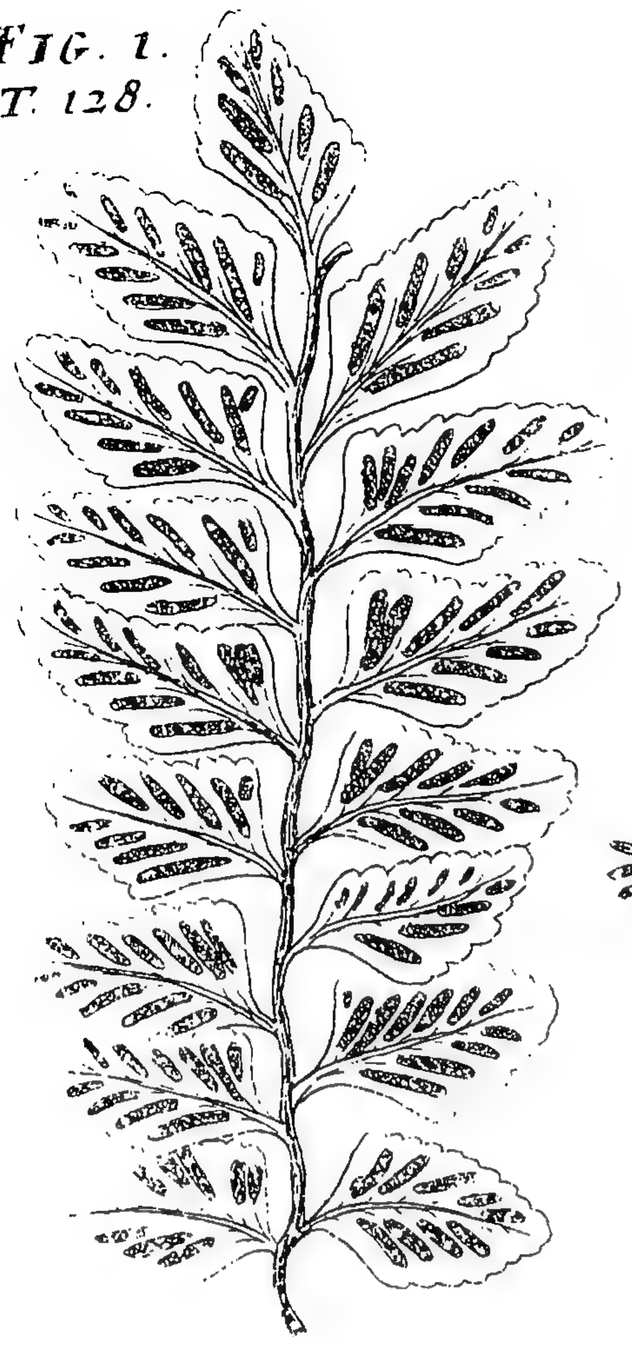
8
C. 524.

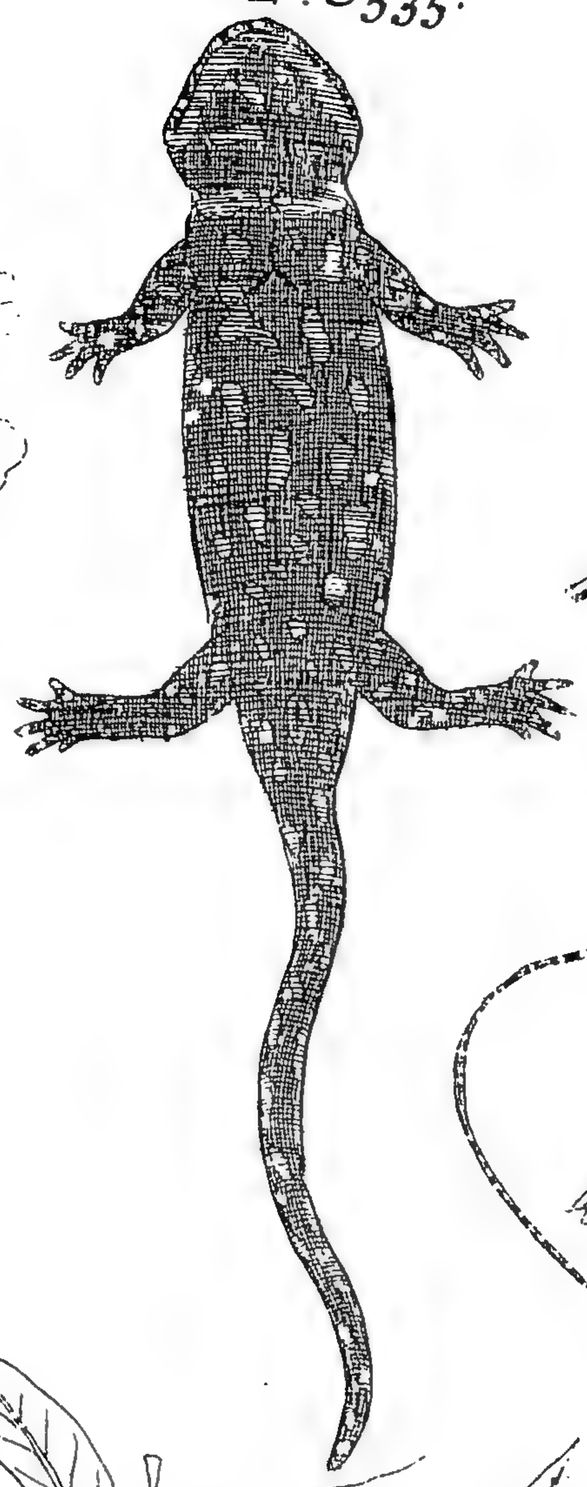


9
C. 522.

TAB. XCI.

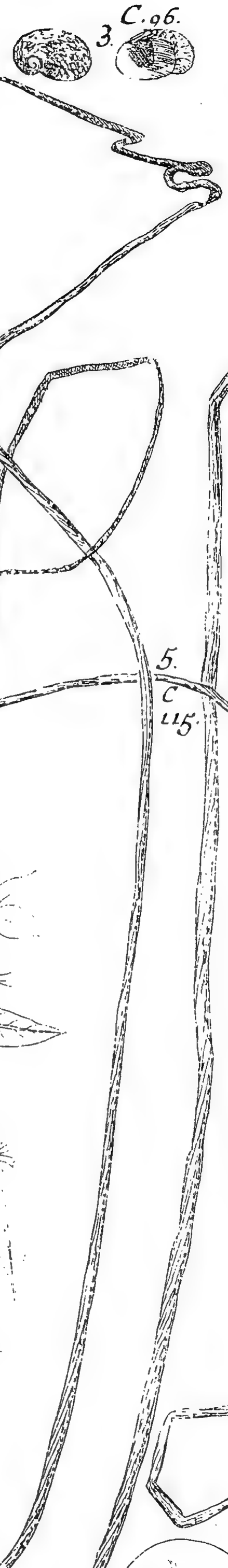
FIG. 1.
CAT. 128.





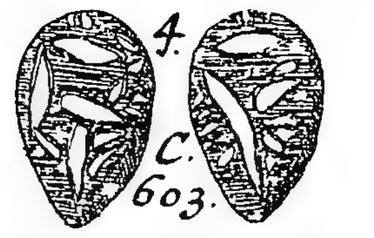
2. C535.

3. C96.



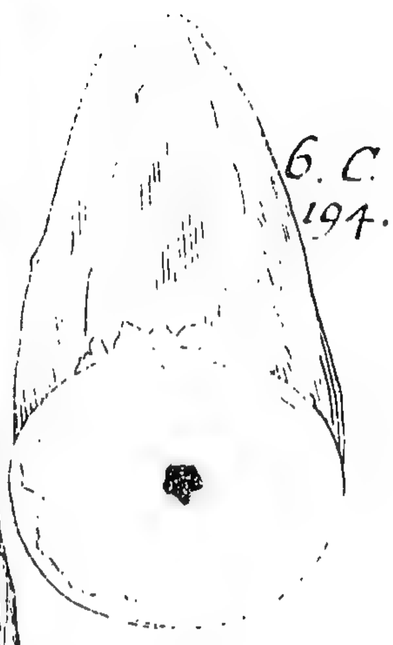
4.

C. 603.





6. C. 194.



5.

C 115.



C. 353. 7.

C. 354. 8.



9. C. 91.

10. C92.



11 C93.

12. C94.

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FIG: 1.

TAB XCII.

5.
C 97.

4. C 577.

8.
C 99.

6.
C 98.

C 100.

9.
C 90.

11.
C
101.

Klm
P. 5. u.

C.
348.
2.

13.

10.
C 95.

12.
C.
122.

15.

14.
C
208.

16.
C
121.

K. P.
5. 9 & 10.

3. C 349.

15.
C
102.

17. C.
398.

Sutton Nicholls sculp.

TAB XCIII

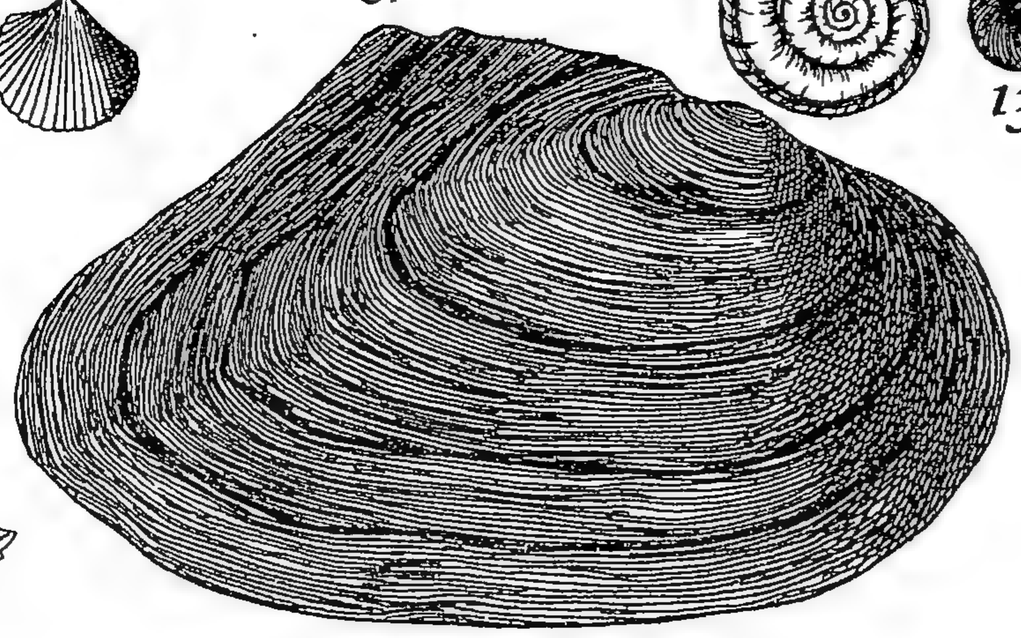
FIG. 1.
CAT. 383.
KAMP. 9. 1.



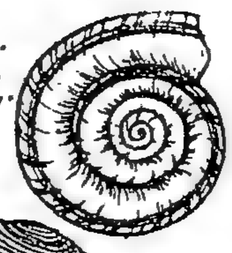


X1. C 72.

8.



C 103.
12.



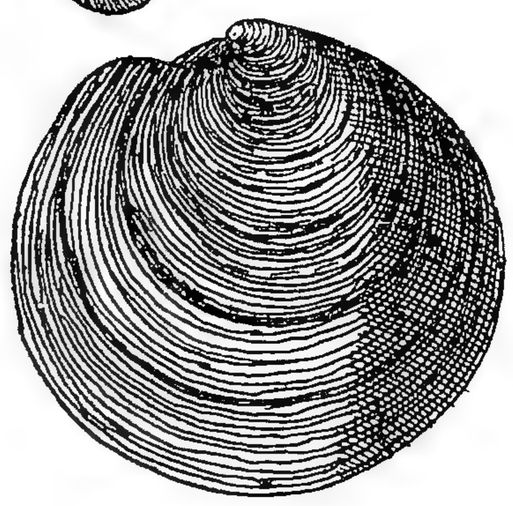
C 105.



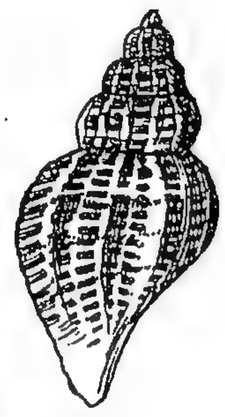
13.

C 104.
14.

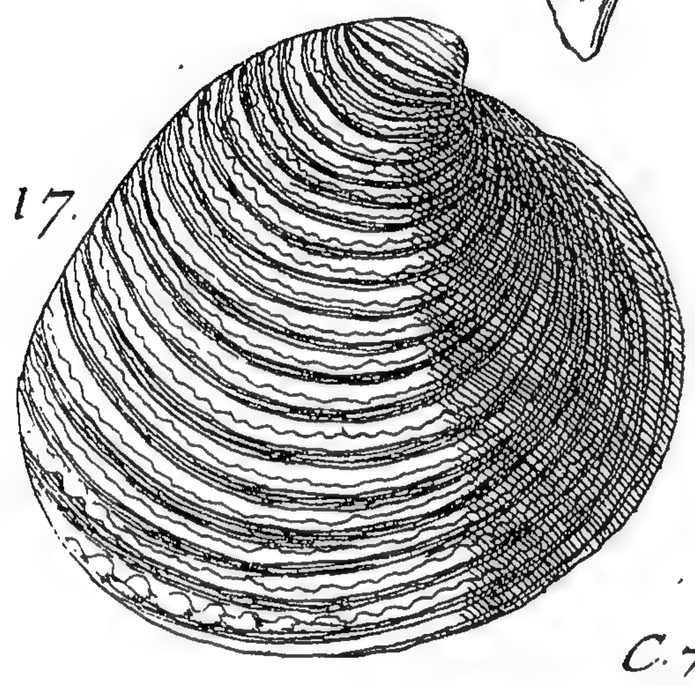




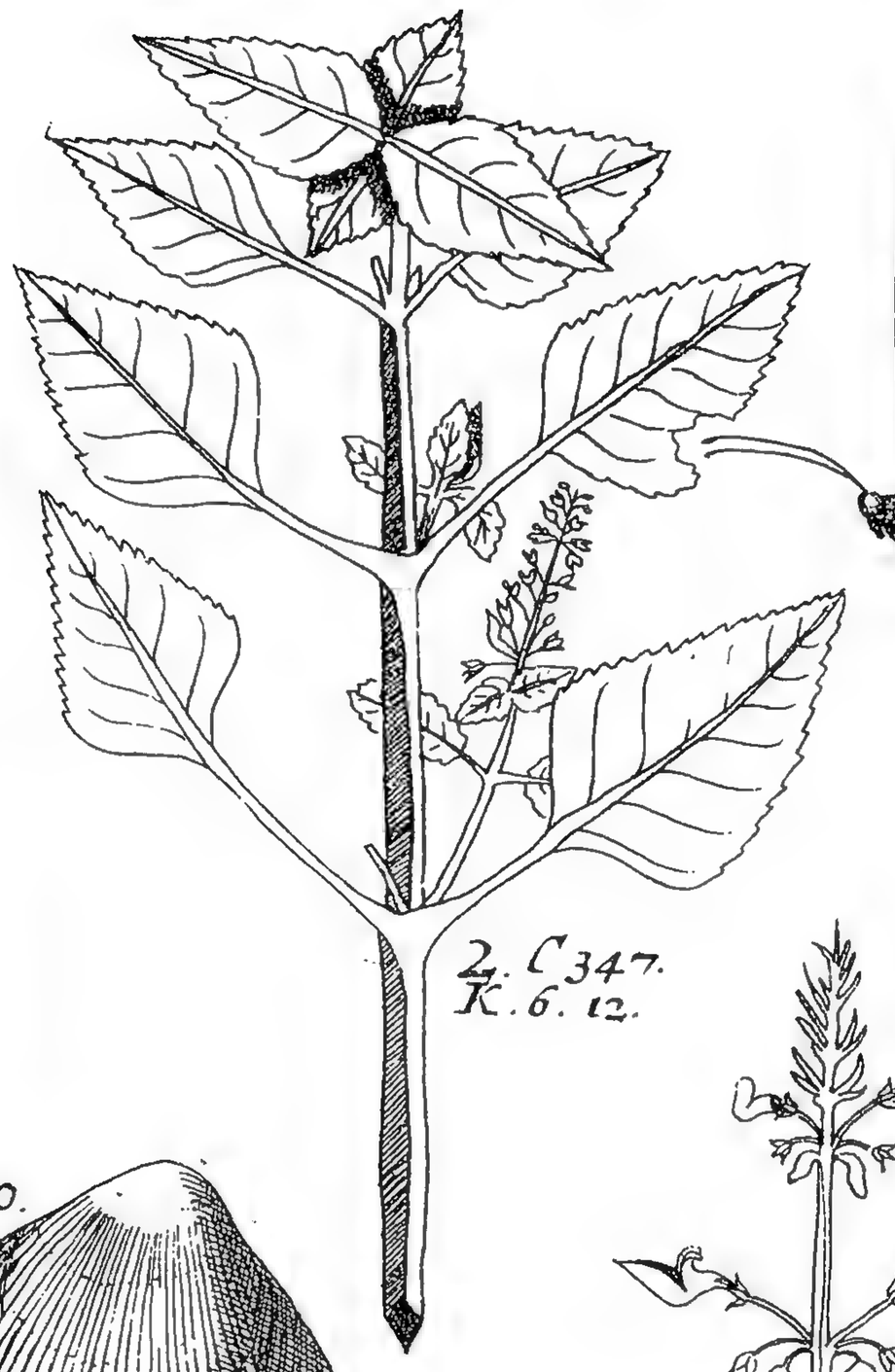
15.



16.
C 110.



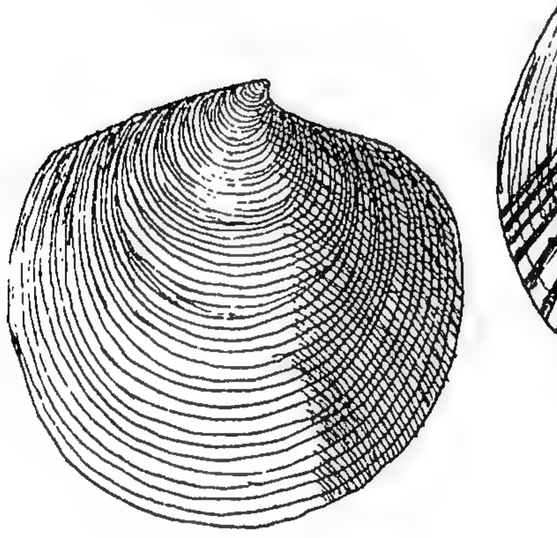
17.



10.
C. 70.

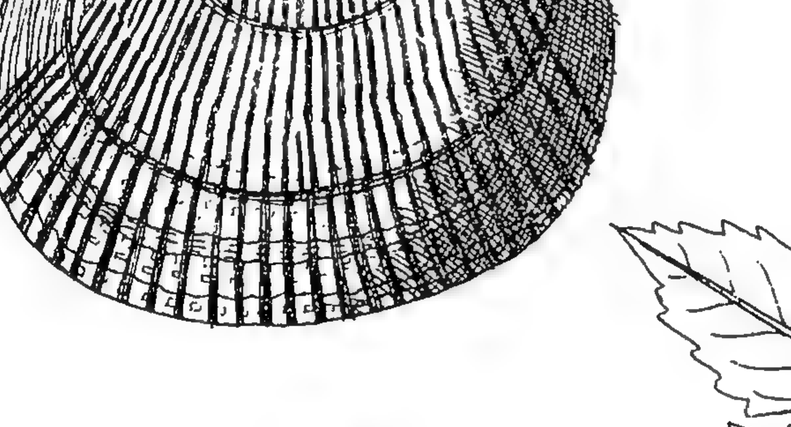
18.
C
23.

19.
C
52.



A. C
178.

5
C 119.

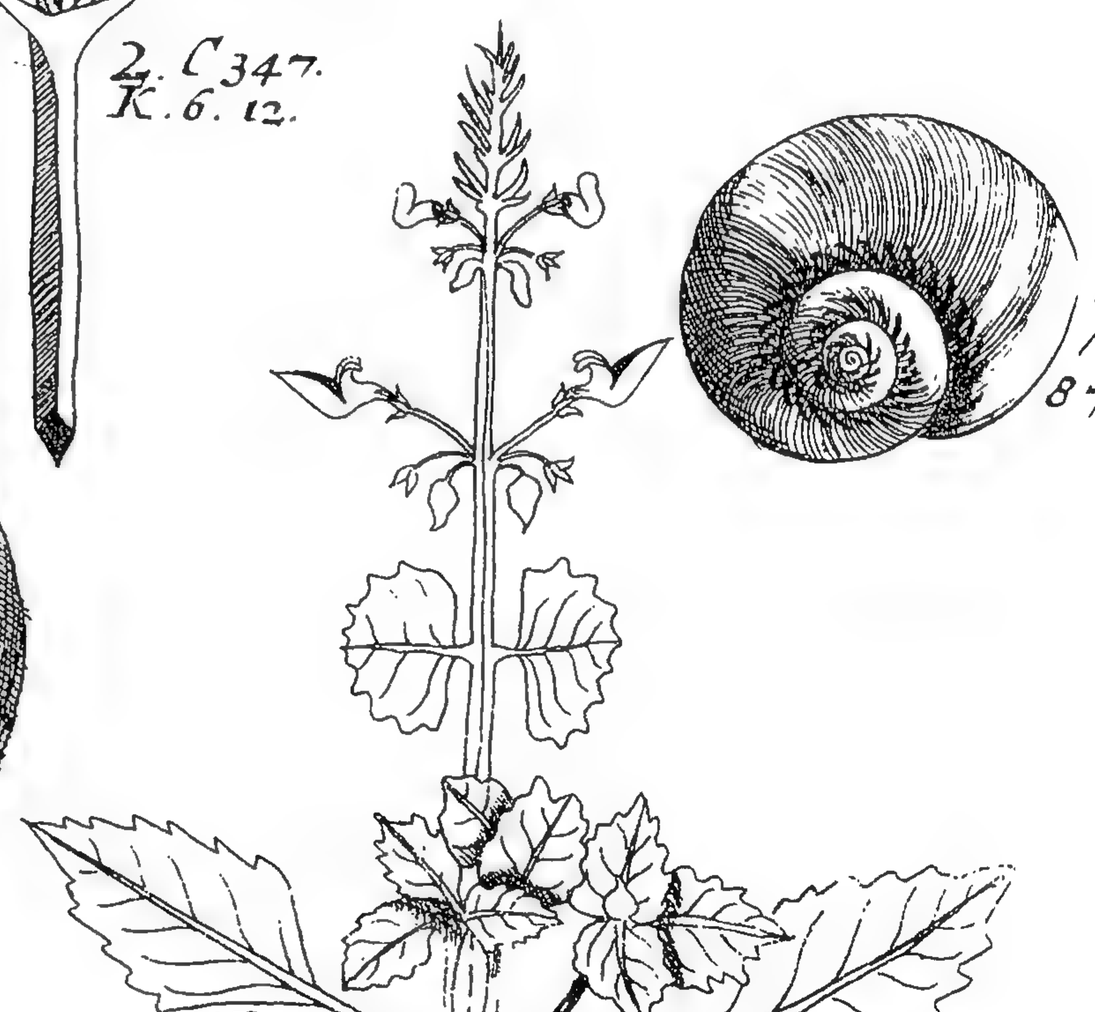


9.

2. C 347.
K. 6. 12.

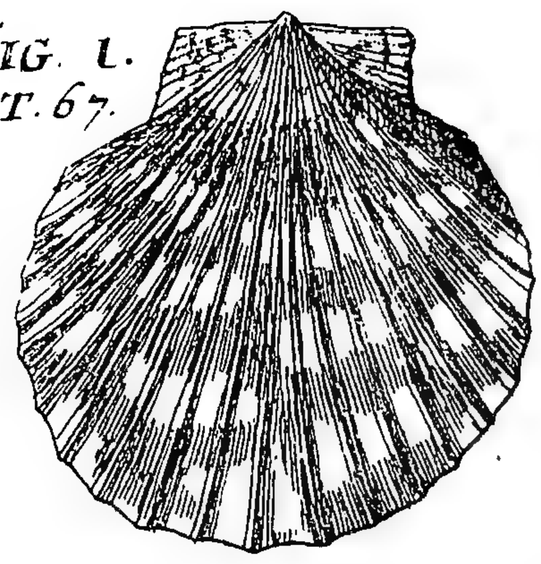
6. C.
197

7. C
87.

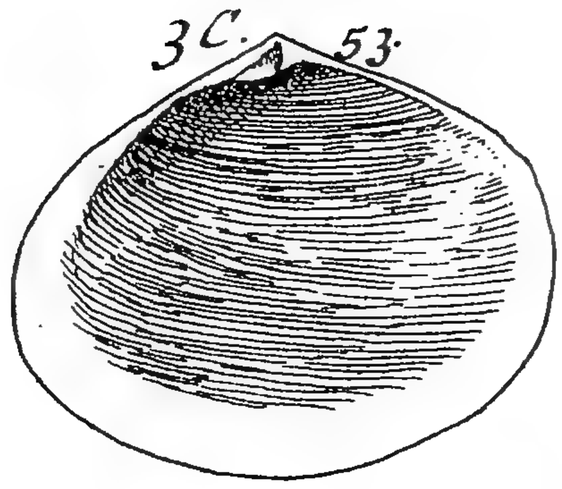


3. C 351.
K. p. 5. 12.

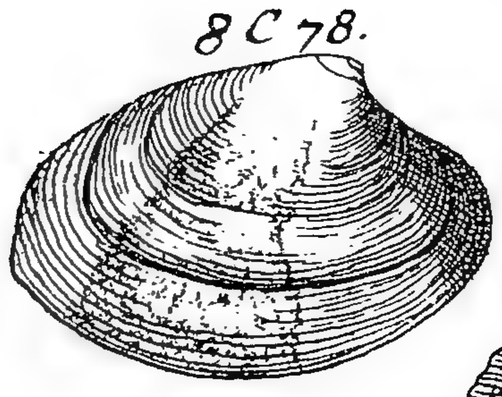
FIG. 1.
CAT. 67.



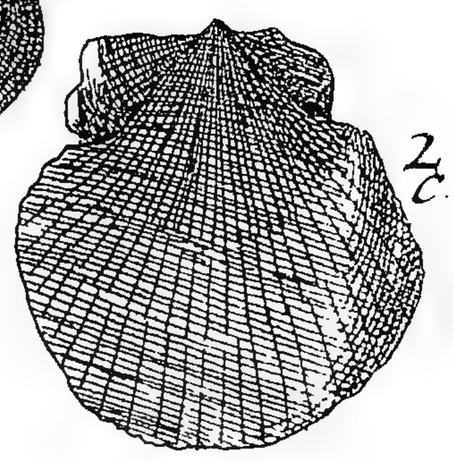
3 C. 53.



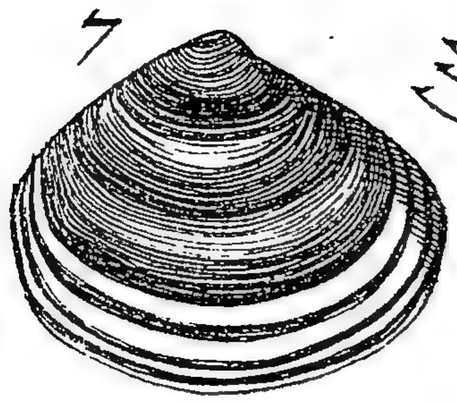
8 C 78.



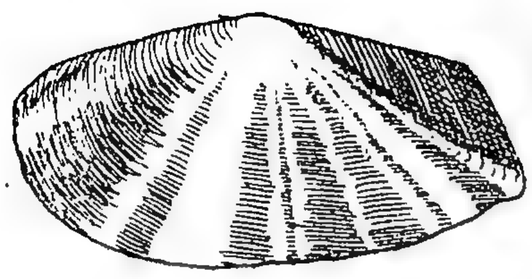
2
C. 68.



7

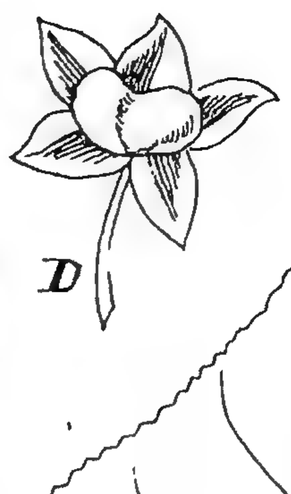


9
C. 81.





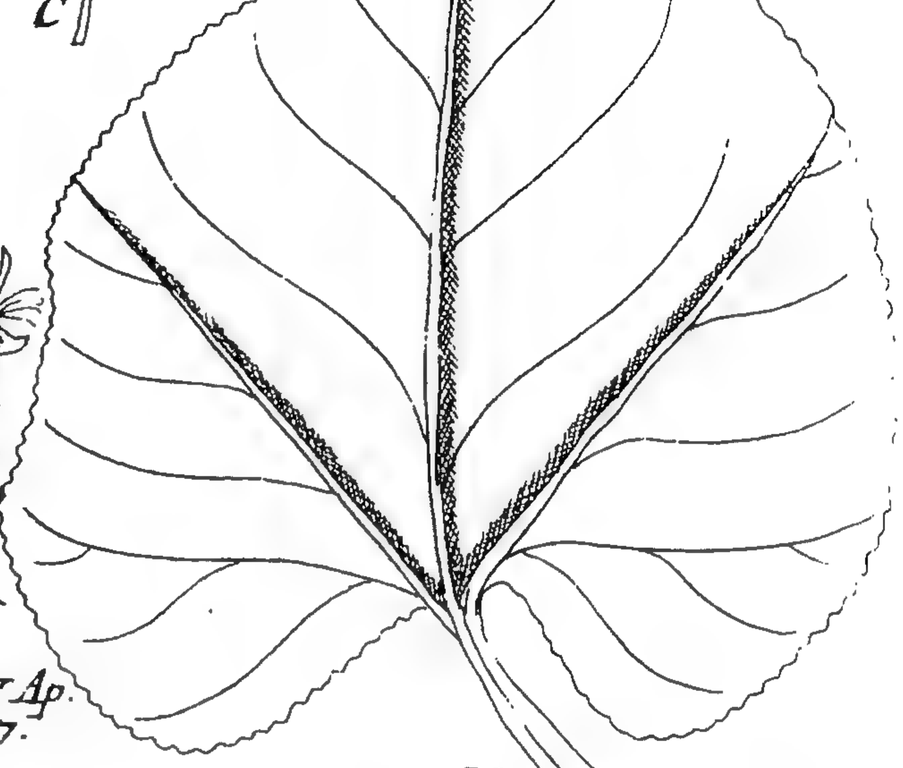
B



D

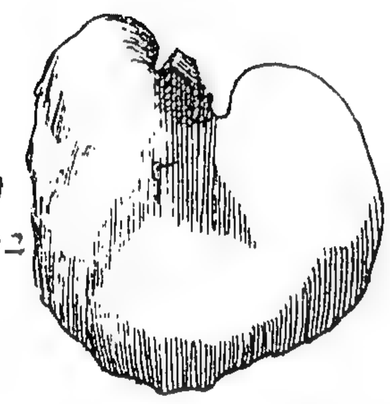
C





13 A

10
C. 602

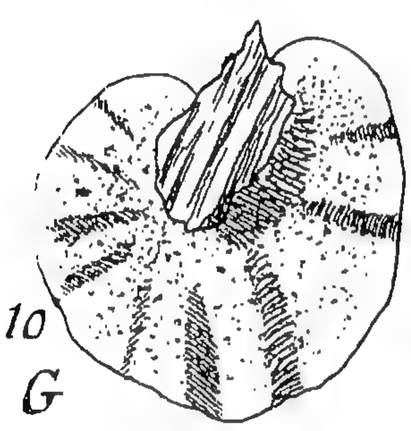


13
C. 376.

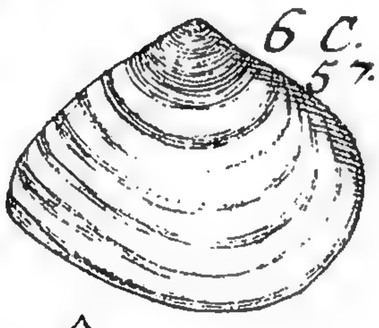


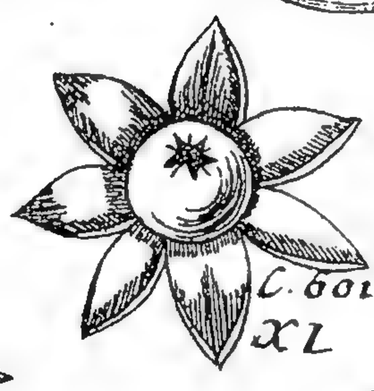
KAM. RAY Ap.
pag. 6. pl. 17.

10
G



6 C.
57.





C. 601.
XL

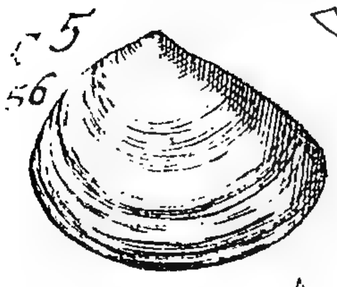


15
C. 352
K. 6. 16.

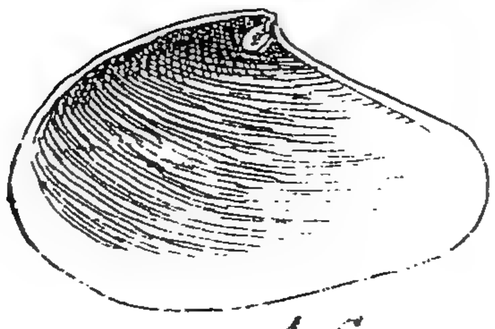


KAM
p. 6. 13

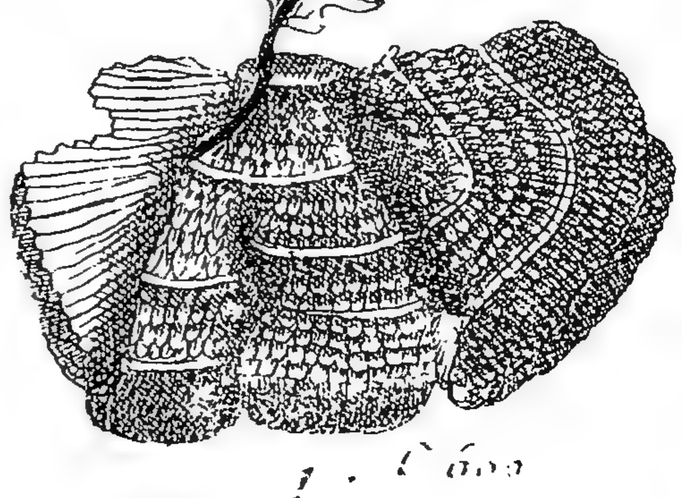
5
56



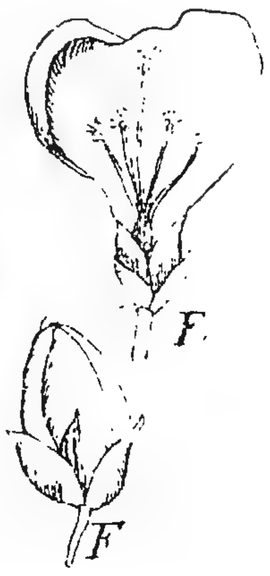
14 C. 356.



4 C. 54.



12 C. 600.



F

F

Sutton Nicholl

TAB. XCV.

4

5

CAT. 384. 3
KAM p. 6. 18.

7 C. 72.

8

C. 123.

KAM. p. 7. 23.

6
C. 376.

FIG. 1. 395
KAM. RAY Ap.
pag. 7. pl. 22.

2. C. 384.

9

10 C. 124.

12
C. 582.

13 C. 586.

C. 126.
14

C. 127.

TAB. XVI

FIG. 1. CAT. 377 KAM. RAY. H. Tl. Vol. 3. App. p. 7. 24.

G

F

D

KAM. p. 8. 31.

3 C 371.

C

B

KAM. 8. 30.

1

2 C 370.

KAM. 7. 29.

5 C 393.

4 C 392.

C. 287. 12

11 C. 276.

4 C. 273.

8 C 274.

10 C 285.

9 C 275.

Sutton Nicholls sculp.

TAB. XCVII

KAM p.8.1.

FIG 1.
CAT. 339.

KAM.
P.8.4.

KAM.p.8.6.

C 337.

5 C 345.

4

KAM
P.8.5.

3
C.338.

C 276.
6

7 C.
277.

C 281.
17

C 280.
16

C 291.
12

8

9

C 289.
10

x 1. C 206.
MP 711.

13

C 292.

14
C 294.

15 C 293.

18
C. 288.

19
C 282.

C 283.
20

21
C 284.

22
C 295.

23. C 297.

Sutton Nicholls sculp

TAB. XCVI.

FIG. 1
CAT. 332.
KAM. p. 8. 7.

2 C. 335.
KAM p. 8. 9.

KAM. p. 8. 6 & 3. C. 333.

KAM. 8. 12.

5
C. 336.

KAM. p. 8. 10.

4 C. 334

KAM. p. 5. 8

6 & 7 C. 346.

8
C.
244.

6

C.
245.
9

C243

C.
251
11

13
C 25

C. 253
12.

1
C. 225.

15
C. 239.

16
C. 241.

17
C. 240.

10

C. 229.

18

Sarah Michell sc.

TAB. XCIX.

FIG 1. KAM 10.15.
CAT 358.

KAM. 10.16.
2 C. 359.

KAM. 10.17.
3 C. 364.

KAM. 10.18.
C. 360. 4

5 C. 368.
KAM 10.19.

KAM. 10. 20.
6 C. 372.

7 C. 331.

KAM. p. 9. n. 8 C. 324.
8

C. 267. 9

C. 238. 10

C. 255. 11

C. 257. 12

13 C. 248.

14

15. C 215.

16 C. 222.

17 C 225.

Sutton Nicholls ...

CAT226.

TAB. C.

6.

Fig. 1.

2.

C141.

2.3

8.

7.

C217

AmagaLuzon
KAMp.654.

C
265.

11.

9.

C
220

12. C
249.

4.

C301

3.

C200

13. C223

10.

5.

C
103.

14.
C216.

Tab. 101.

FIG. 1.

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Cochleæ e BOMBAY a D. Alex. Christie Chyrurgo Collectæ.

Sutton Nicholls sculp

Tab 102

FIG 1.

2

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4

A

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C

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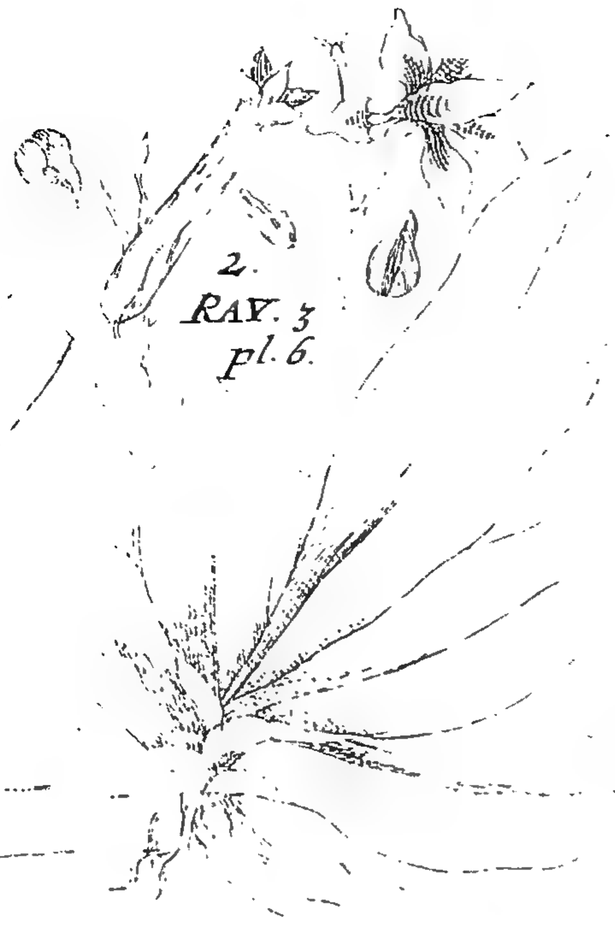
BOMBAY Shells Collected by Mr Alex. Christie Surgeon.

Sutton Nicholls sculp

-

Visco-Aloes Luzonenses *Kameli.* Aloes & Orchis-*like* Plants, *growing on* Trees, *in* Luzone &c. *Tab. 103.*

Fig 1.
RAY Vol. 3.
App p. 33.
pl. 5



2.
RAY. 3
pl. 6.

3 RAY id. pl. 7.



4 RAY id. p. 33. pl. 8. & 9.



5. R. 34. pl. 12.



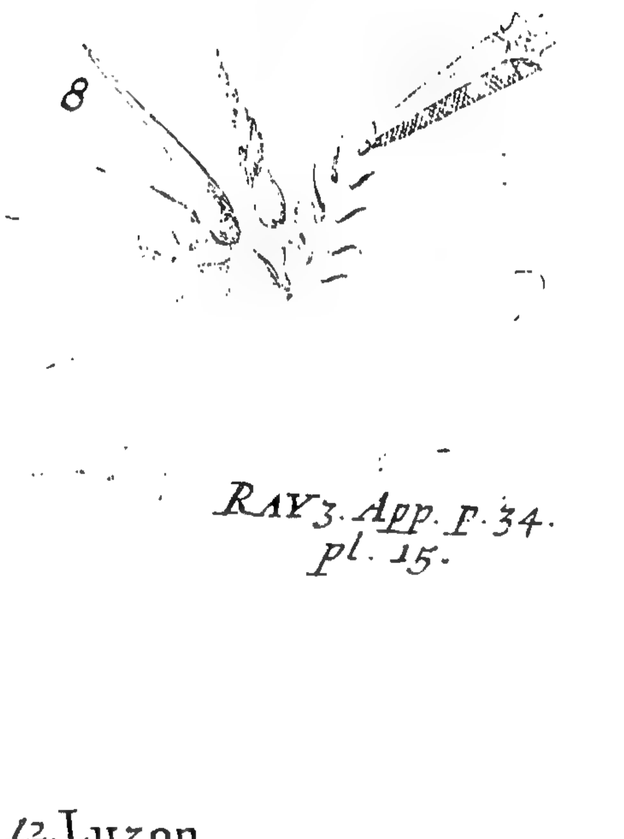
6 R 3. App. 34. pl. 13.



7. Lanh\ua Sinis R. 3. pl. 14.



8



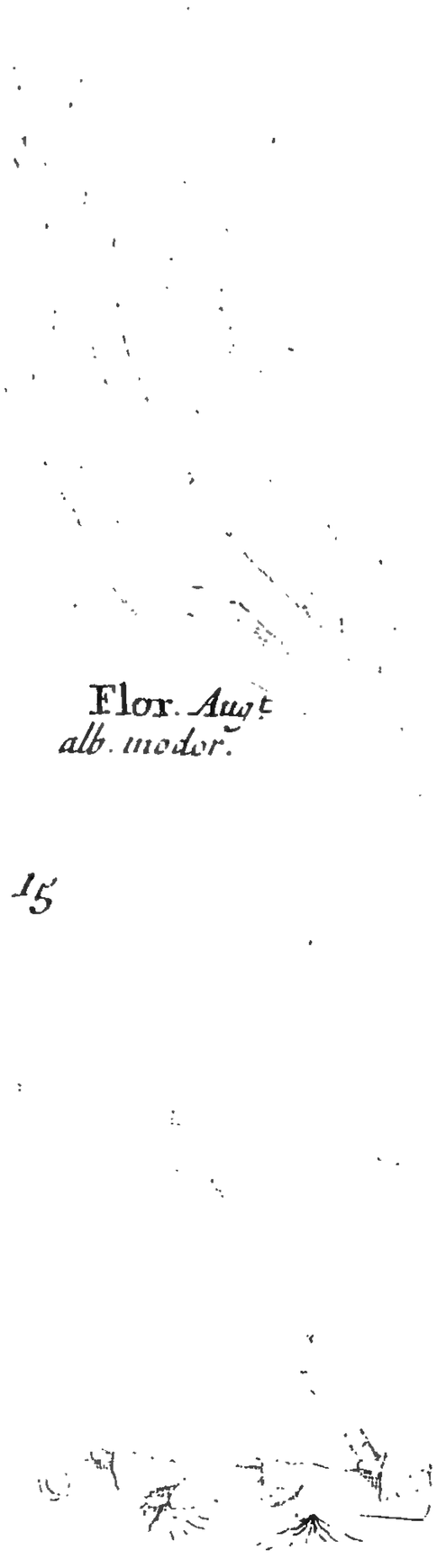
RAY 3. App. F. 34. pl. 15.

9 RAY id. pl. 18.

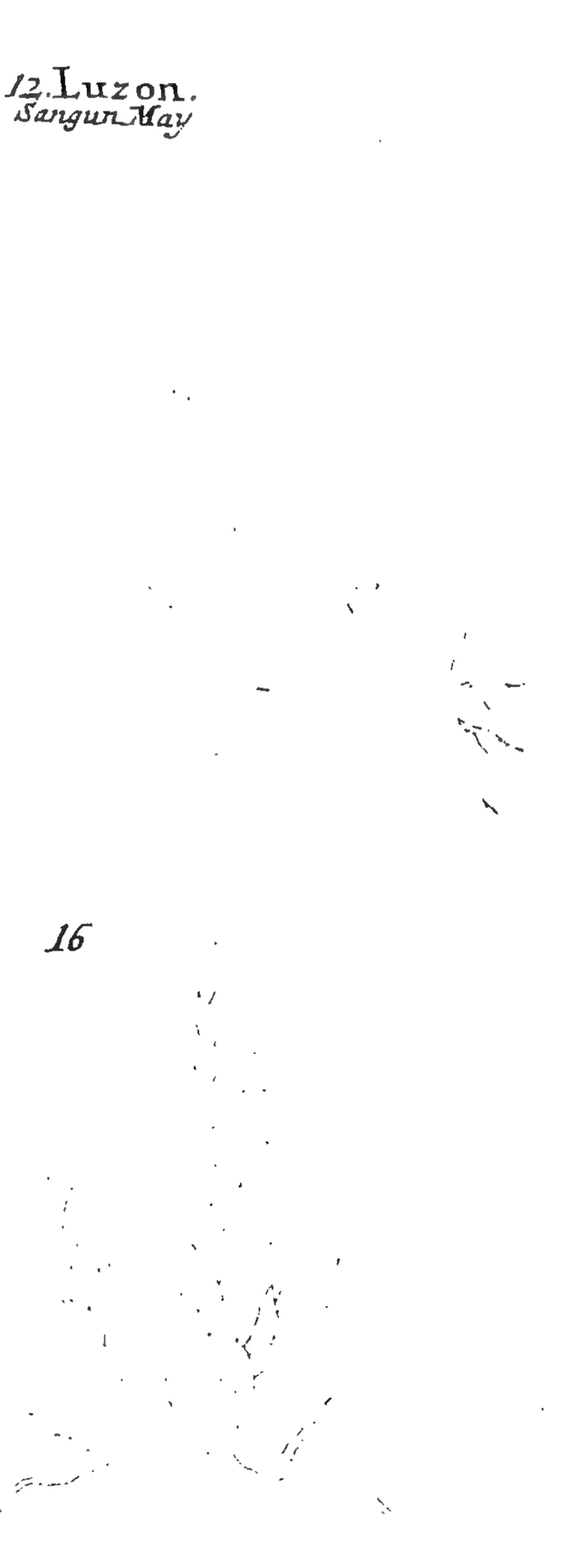
10. R. id. pl. 20.



11



12. Luzon. Sangun May



13

14.

15

Flor. *Aug.* *alb. modor.*

16

Tab. 104.

Fig. 1.

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17.

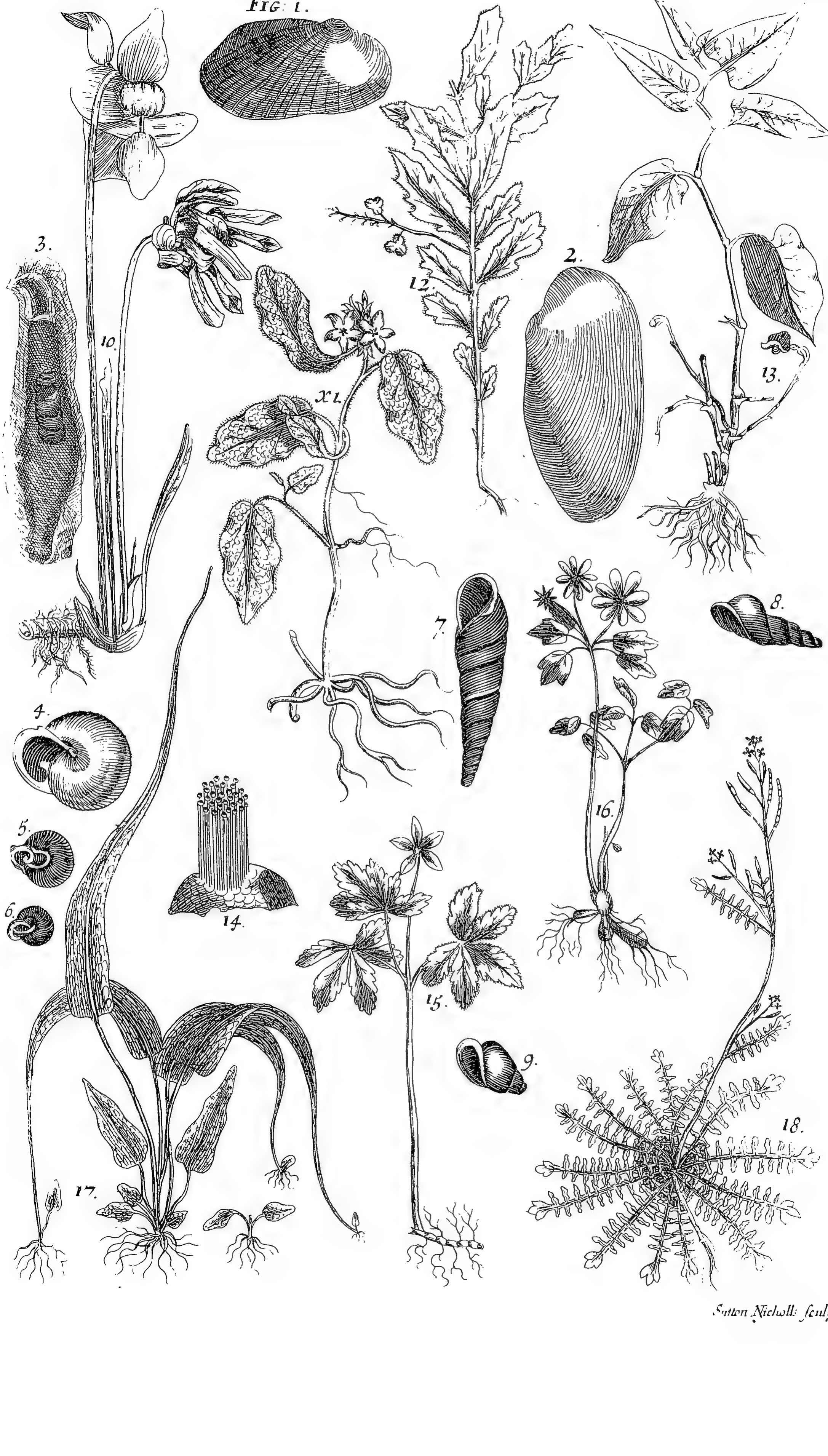
18.

19.

Sutton Nicholls Sculp

Tab. 105.

FIG. 1.



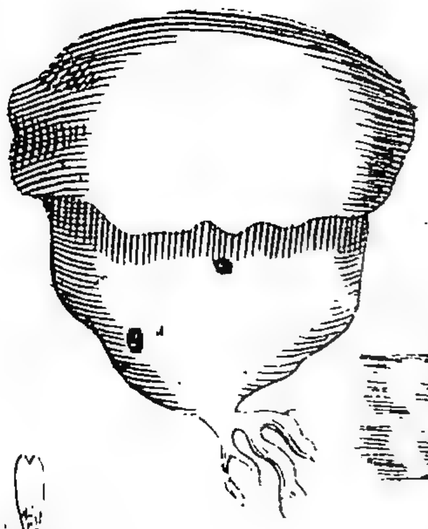
Sutton Nicholls sculp.

FIG. 1

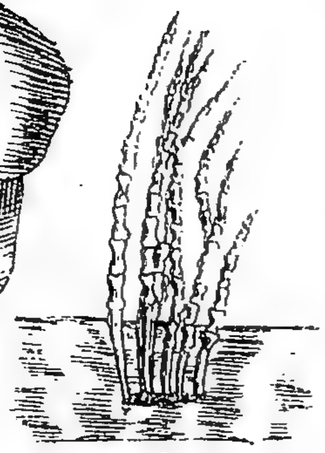
Tab. 106.



15.



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3.





19.



7.



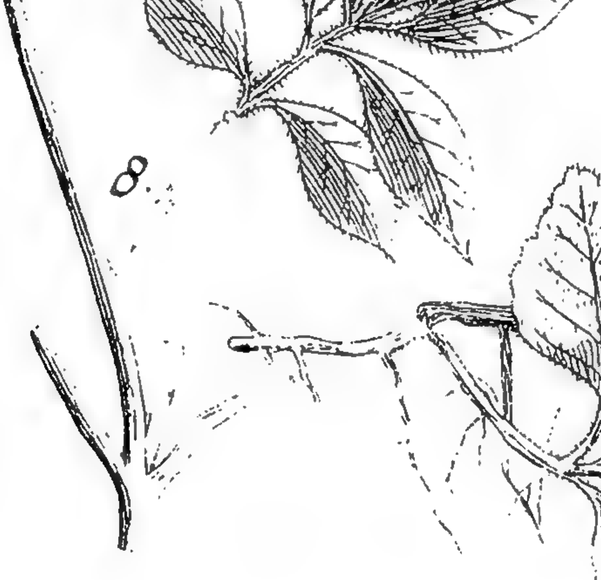


9.



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A.



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--

Tab. 107.

FIG. 1.



Sutton. Nicholls ...

Tab. 108.

FIG: 1





2



3



4

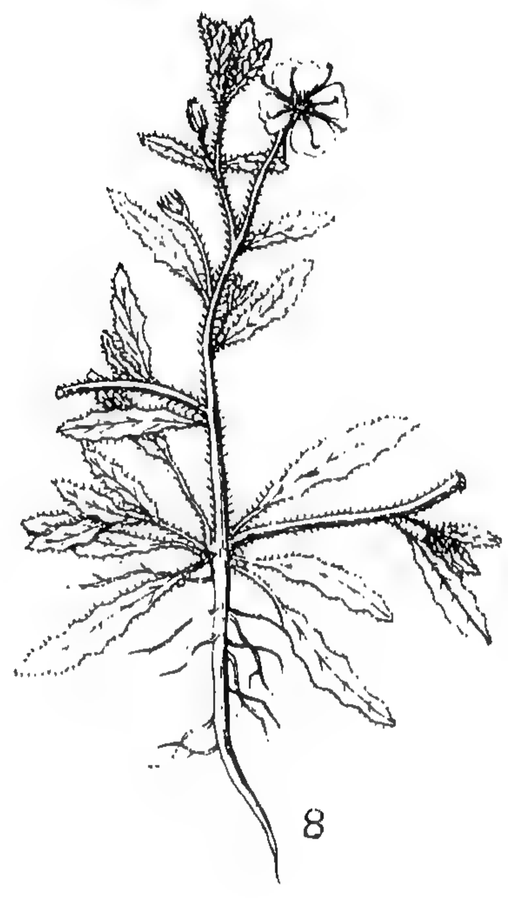




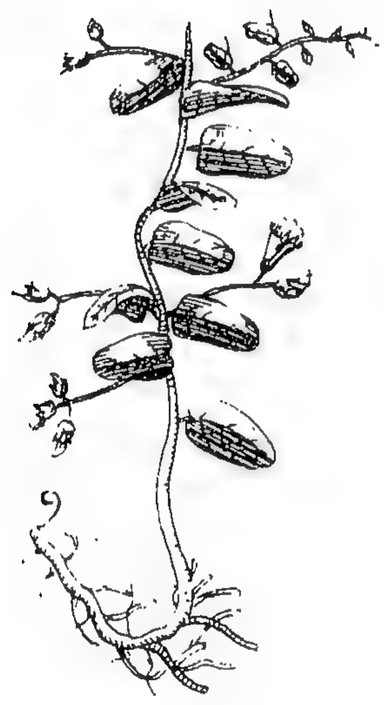
6



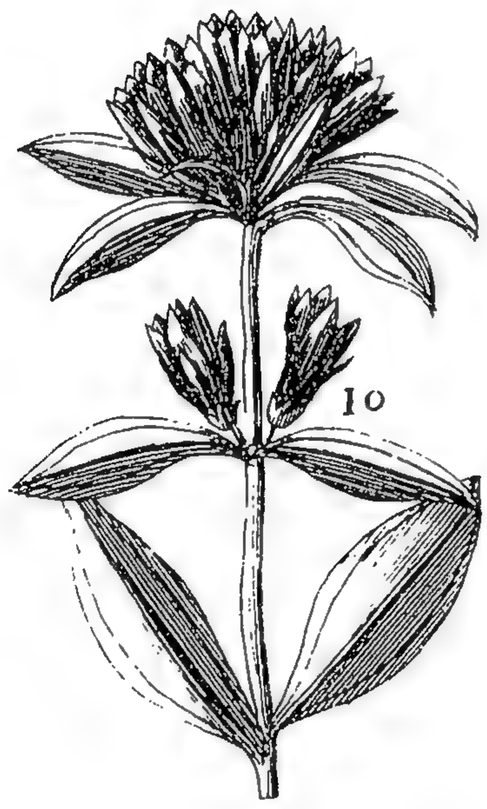
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8



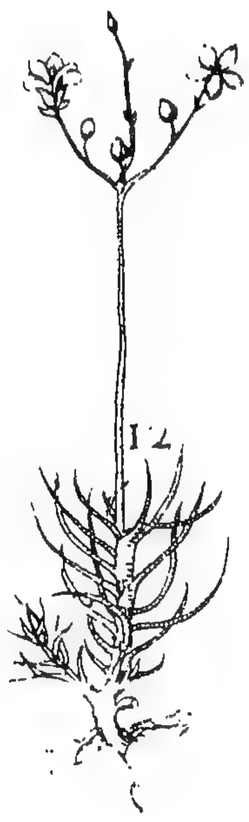
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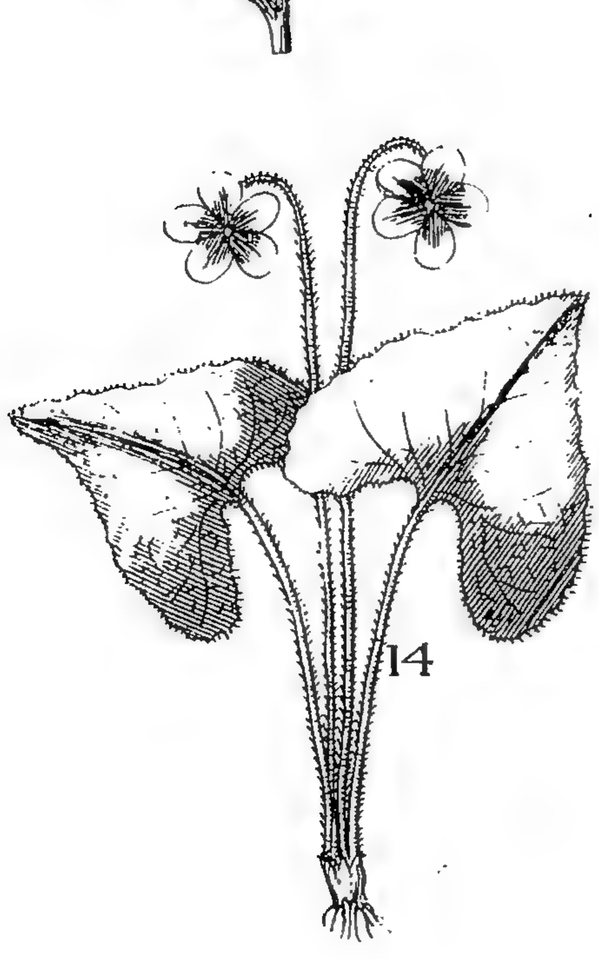
XI



12



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16

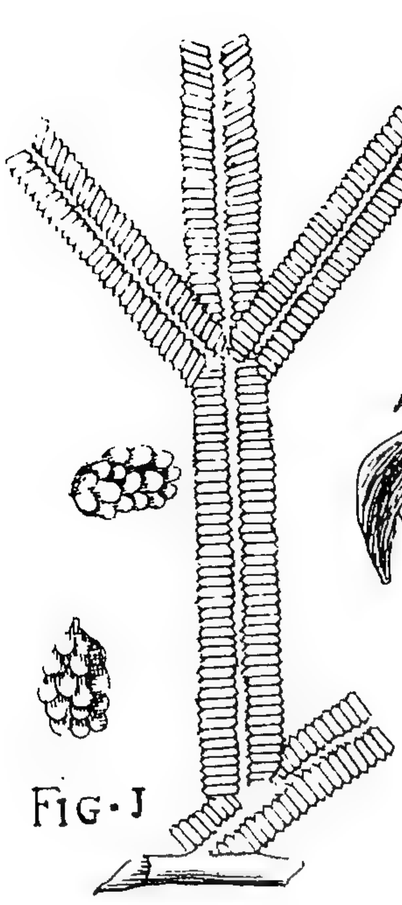
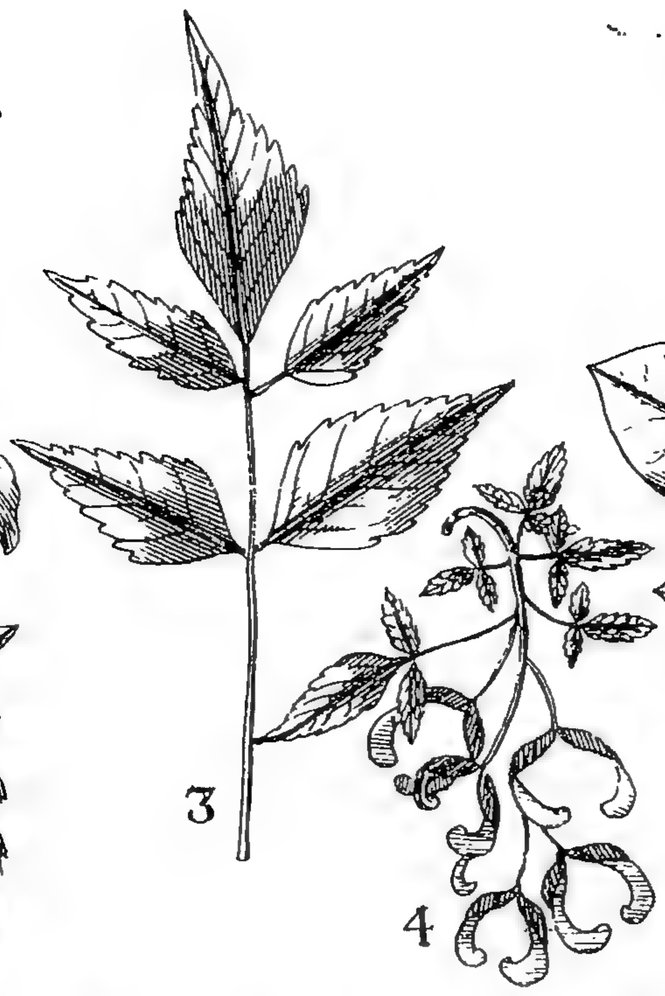


FIG. 1



2



3

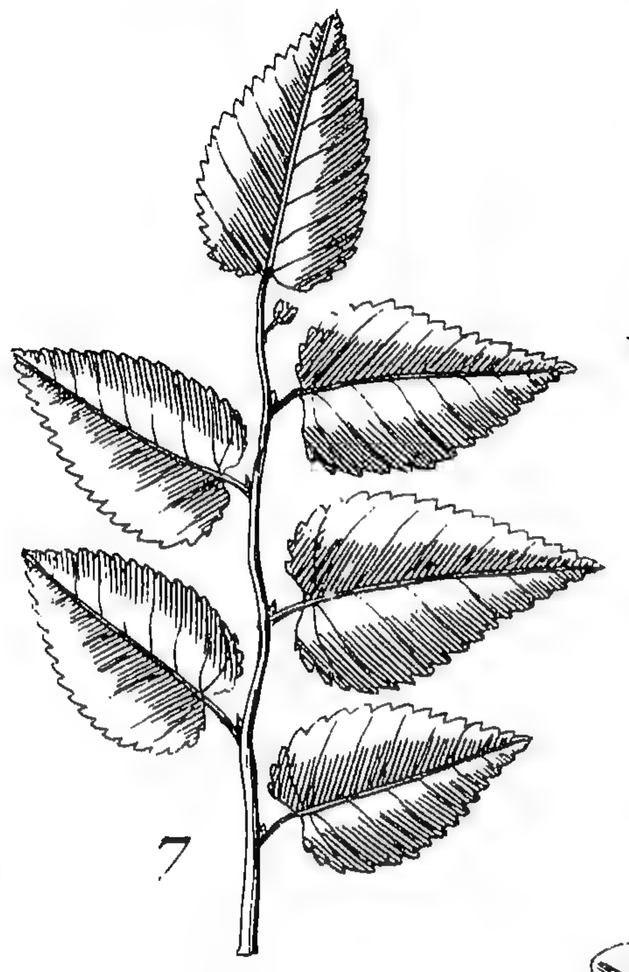
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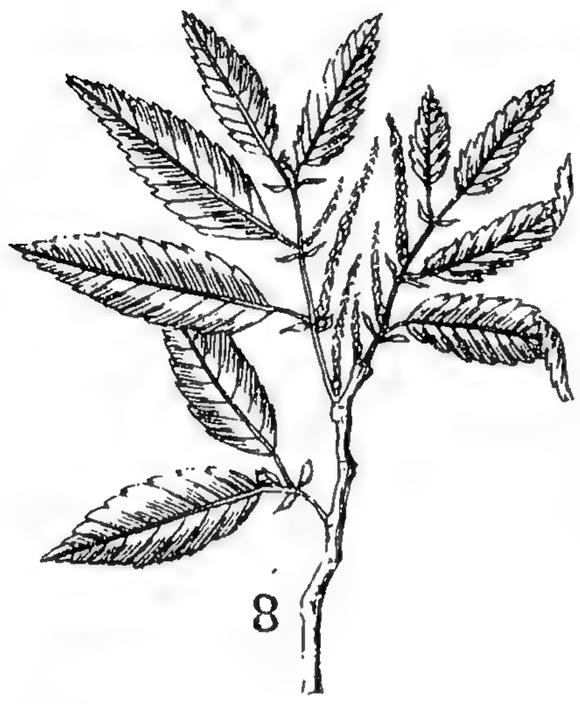
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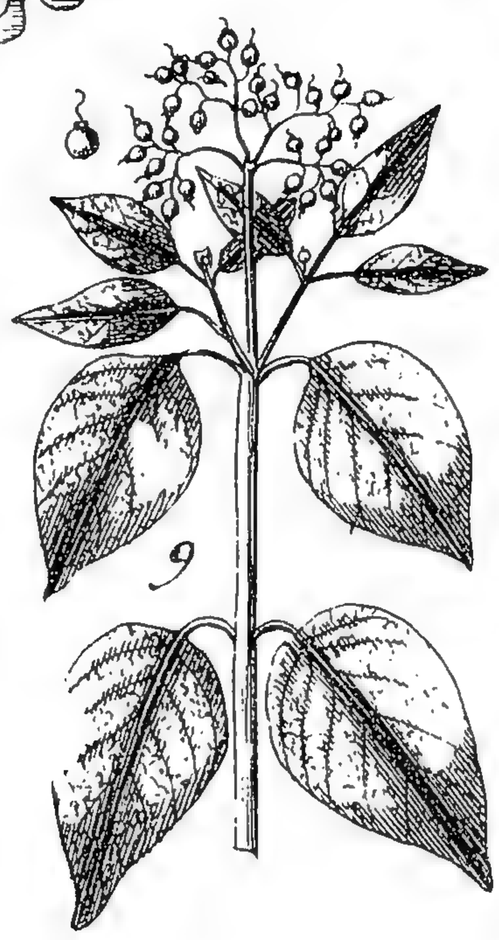
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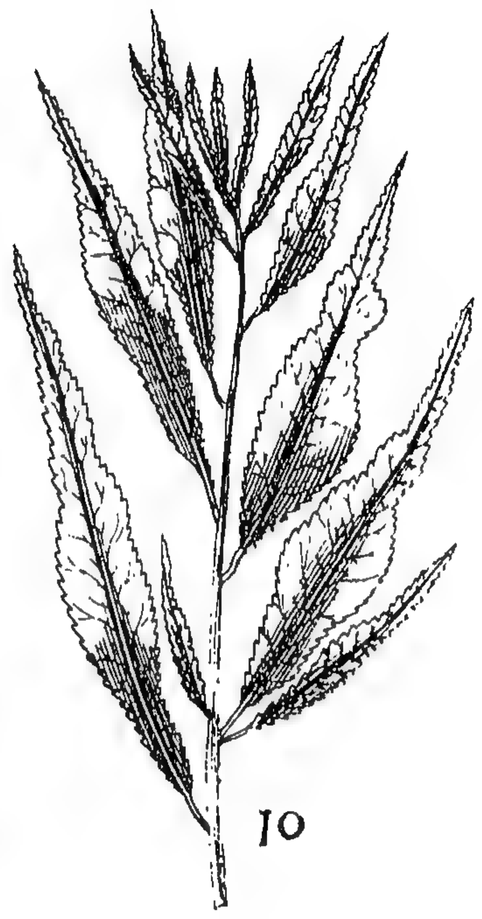
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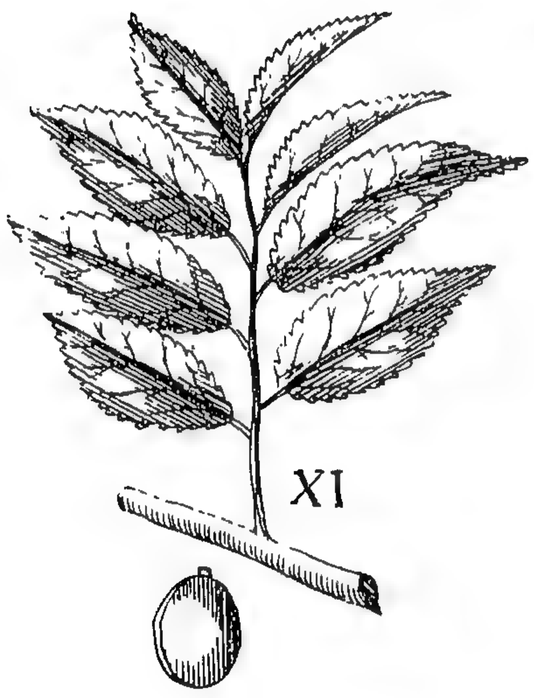
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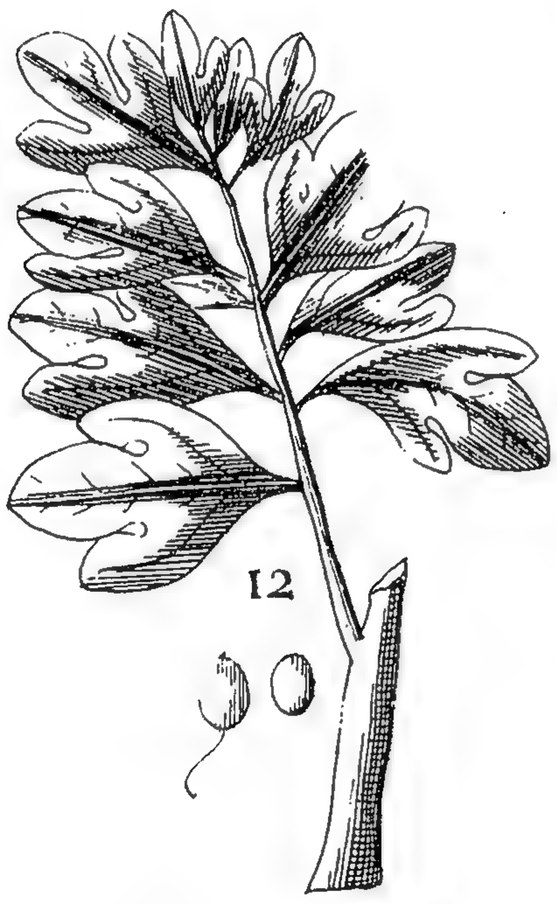
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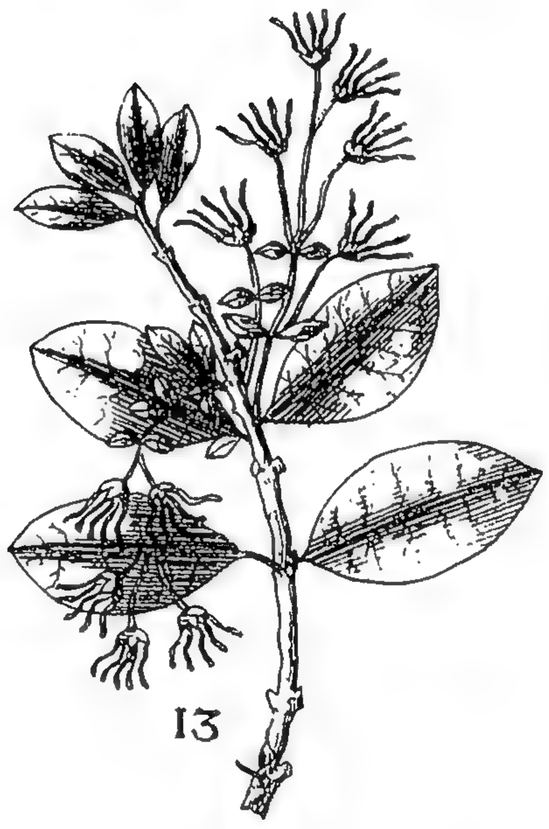
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XI



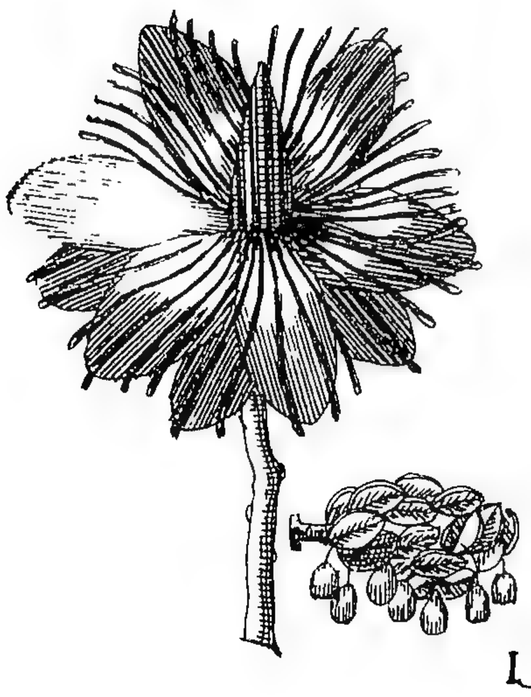
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13

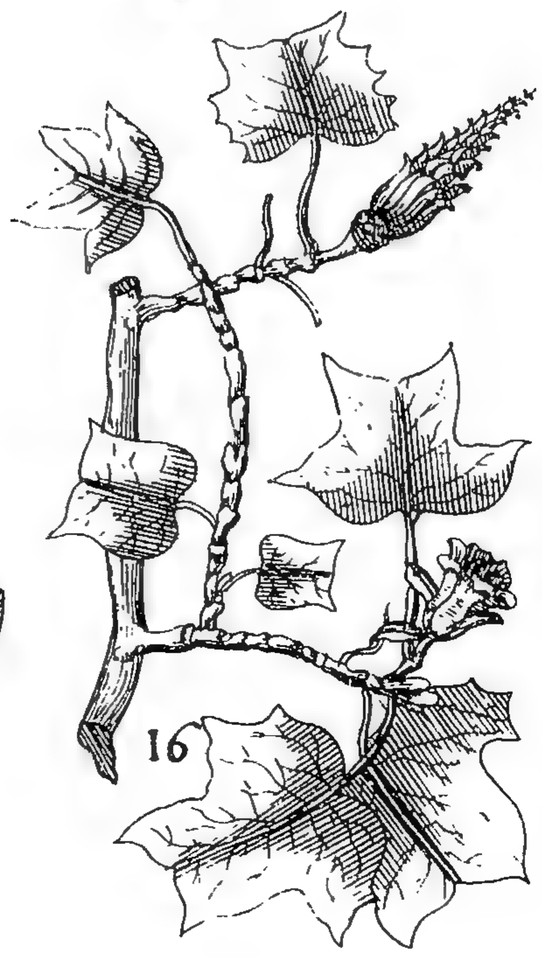


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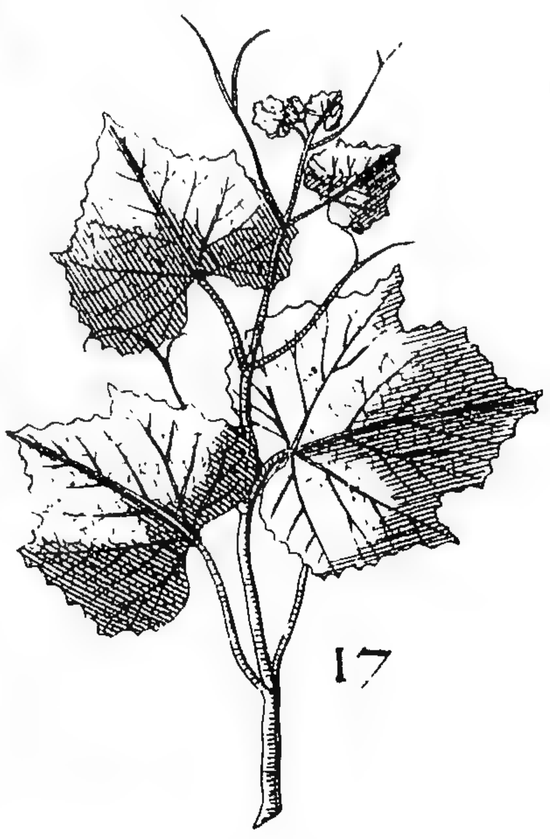


15





16



17

Plantæ Canadenſes.

Canada *Plants.*

TAB. *110*

R. 1v 661. C7
Park. 950. 6
Corn. 75.

FIG. J

C. 34
R 666. 8.
P 697. 7. 2

R666. 9.
P. 607. 8.
C. 77.
3

R 666. 10.
P. 698. 10
C 41.
4

R 1641. 5.
C 150.
5

R. 670. 2
P. 390. 3
C. 165
6

C 60.
R 707. 8
P. 1367. 1.
7

R 813. 15
P 816. 3
C 15.
8

C 58.
R 974. 2
P. 289. 5
9

C. 45.
R 928. 4.
P 1090. 10.
10

R. 937. 8
P. 1062. 6
C. 201
11

R 1232. 13.
P 217. 3
C 205.
12

R 1699. C x1
P 679. 5
C 97.
13

R. 1699. 12
P. 686. 6
C 100.
14

P 385. 6 &
1679.
R 1768. 1
C. 103.
15

R 955. 1
C. 131
P. 716. 3
16

Plantæ Canadenſes
Canada *Plants*

RAY p. 148. 2
Park 1049. 3
Corn. 6.

FIG. 1

R 145. 10
P. 1044. 5
C 4.

2

R 208. 2.
P. 266. 2.

3

C 147.
R 402. 4.
I. 583. 4.

4

5

R 336. 1
C 63.

C 191.
R 294. 2.
P. 595. 5

9

R 269. 19
P 1676. 19.
C. 65.

6

R 202. 3
C 21.

10

R. 270. 22
P 529. 4.
C. 194.

7

R. 279. 8.
C. 169.

11

C 179.
R 339. 2
P. 322. 10.

8

C 23.

12

C. 197.
R 435. 7.
P. 595. 5.

13

C 199.
R 436. 7.

14

C 177.
R 430. 2.

15

C 187
R 403. 3
P. 265. 9

16

1 Milky Dogsbane

2 White Bignon Dogbane Ray 3. p. 545. 39.

3 Hop Bryony Ray: Vol 3. p 347. 7.

4 Trefoil Con·cumber R 3. p 333. 2.



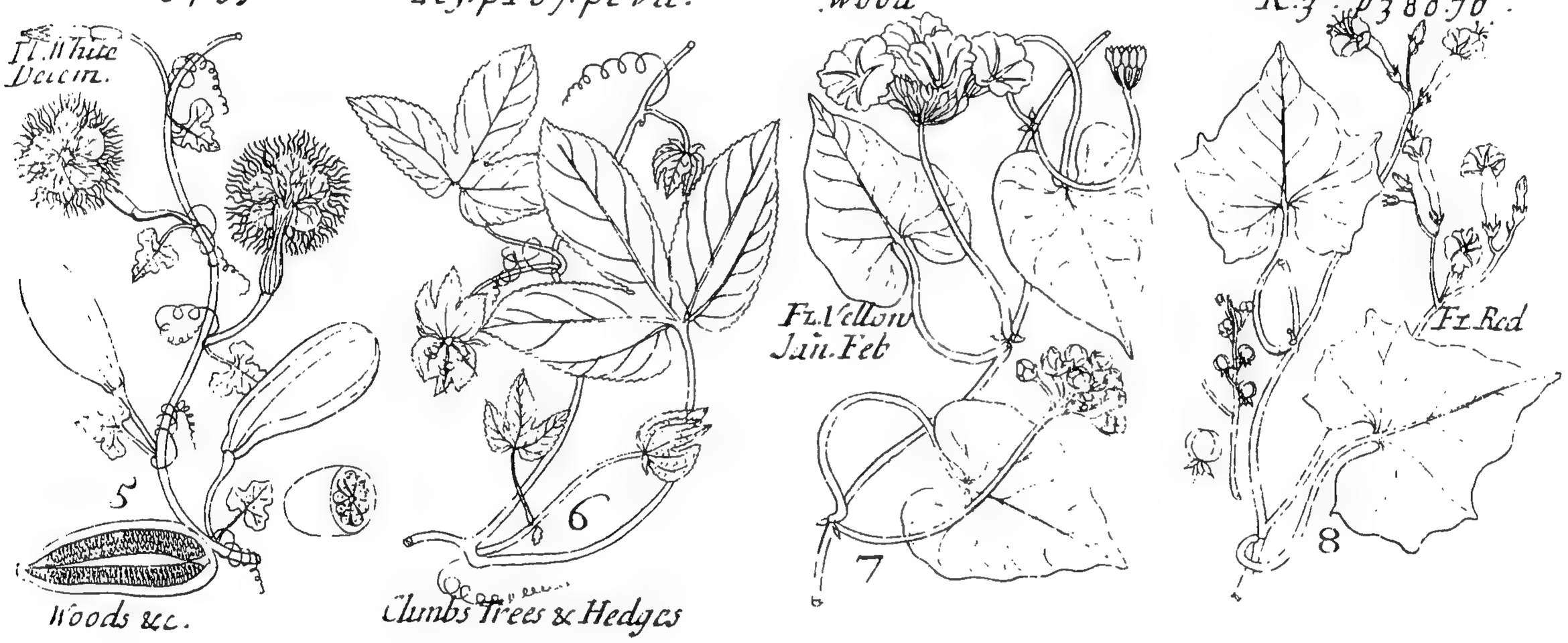
FIG. 1
Climbs Trees & Hedges.

5 Bitter Fringe Gourd R 3 p 332.

Climing Dalechamp R 3. p 107. pl vlt.

7 Yellow tufted Bind wood

8. Scarlet Hop Bindweed R. 3. p 380. 76.



Woods &c.

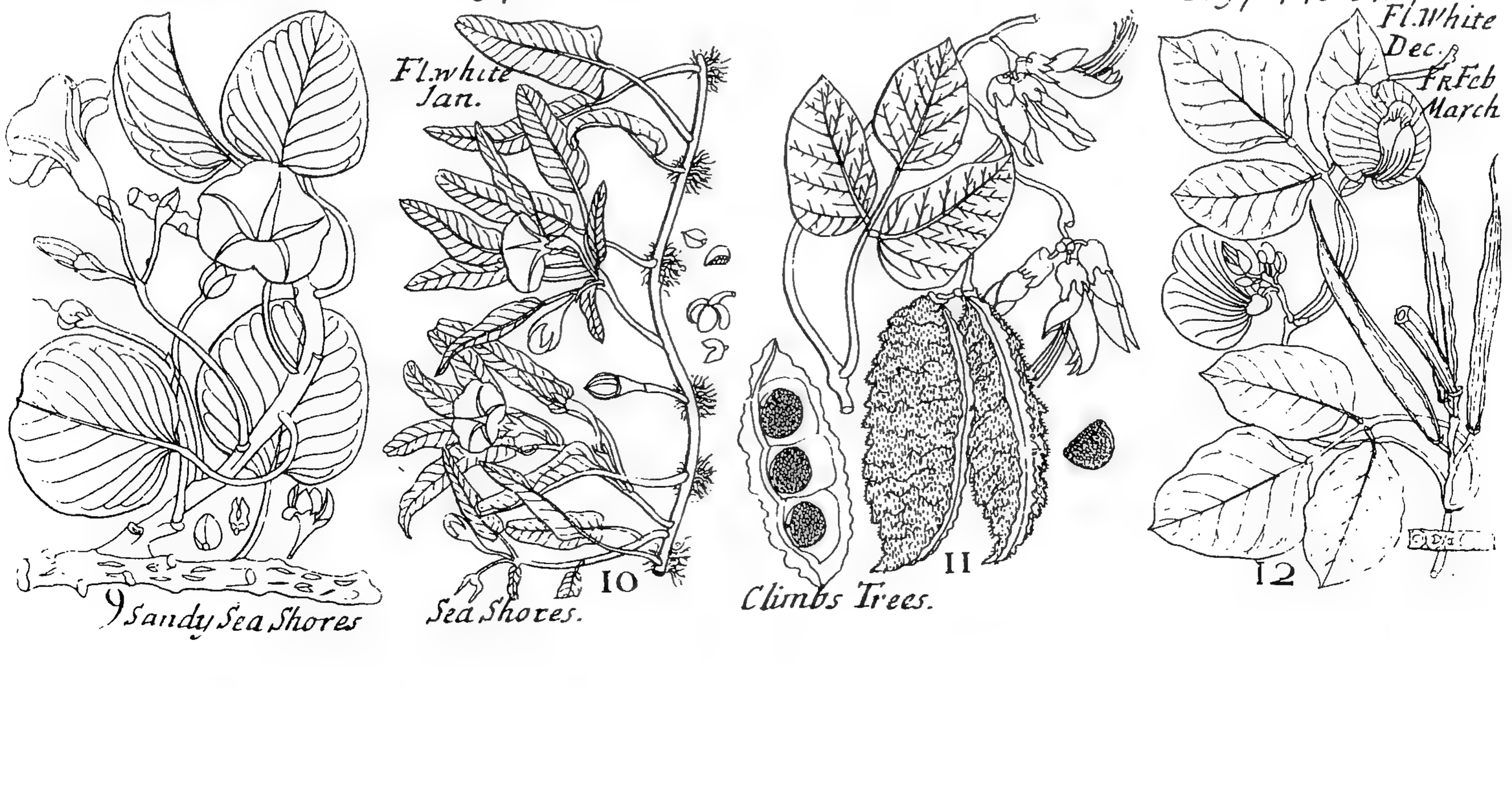
Climbs Trees & Hedges

9 America Soldanella Rax. 726. 14.

10 Long Soldanella R 3. p. 380. 80.

11. Negro Couhage Rax. 888. 26.

12. Welted. Frejoles. R 3 p. 440. 62.



9 Sandy Sea Shores

Sea Shores.

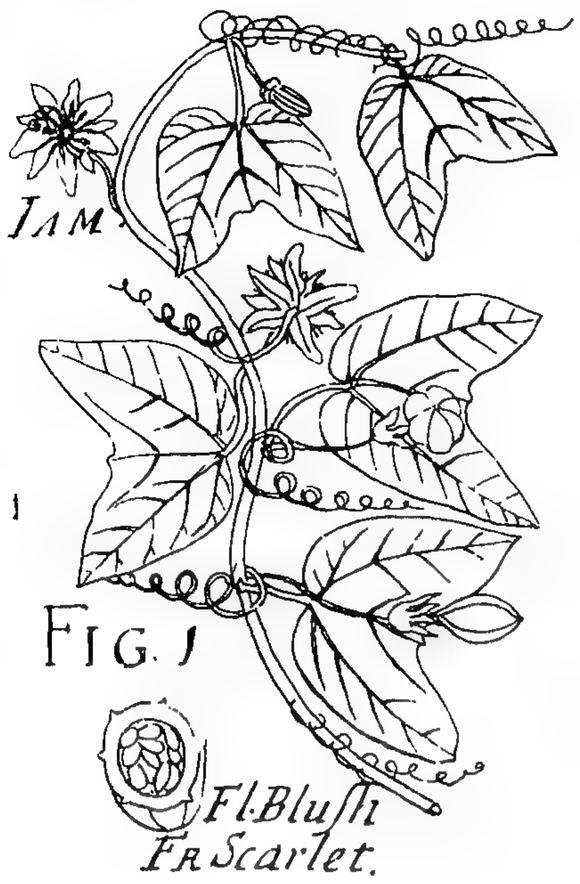
Climbs Trees.

1 Fiſſrovid Maracoc. Ray. Vol 3. p 341. 17. River Sides Com.

2 Olive Maracoc Ray 3 p. 339. 6.

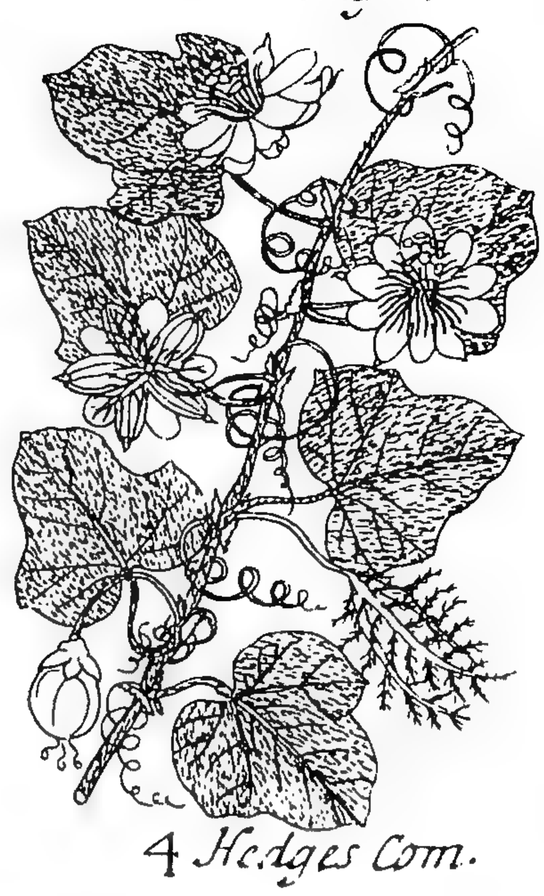
3 Trefoil Maracoc. R 3. p 339. 6.

4 Stinkina Maracoc R. 650. 5. Fl. long.







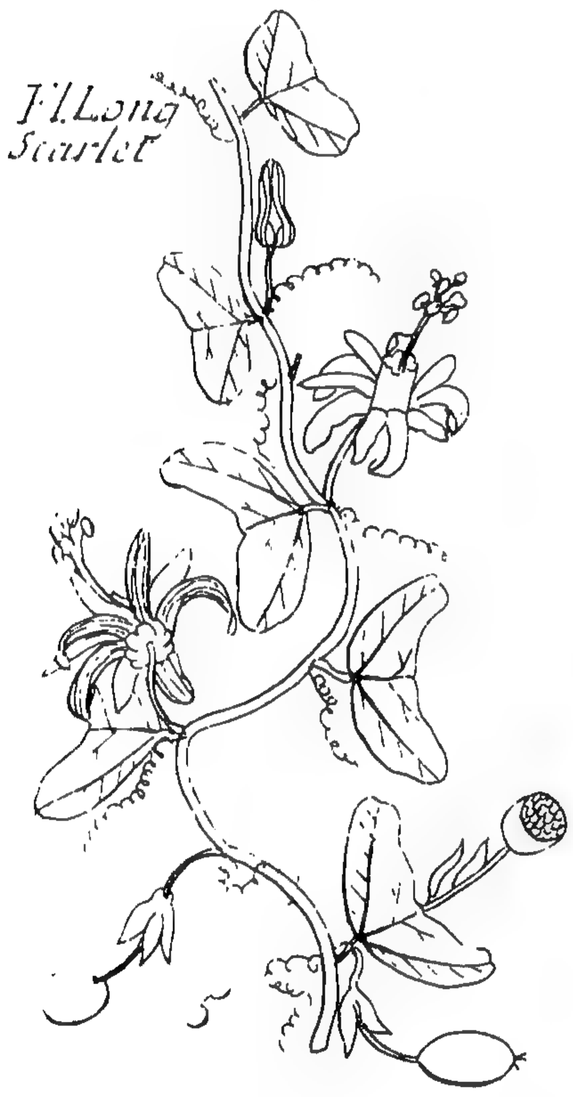


5 Moon Maracoc. R 3. p 342. 19.

6 Saſsafras Maracoc. R 3. p 342.

7 Egg Maracoc

8 Cluſter Maracoc R 3. p 343. 22.







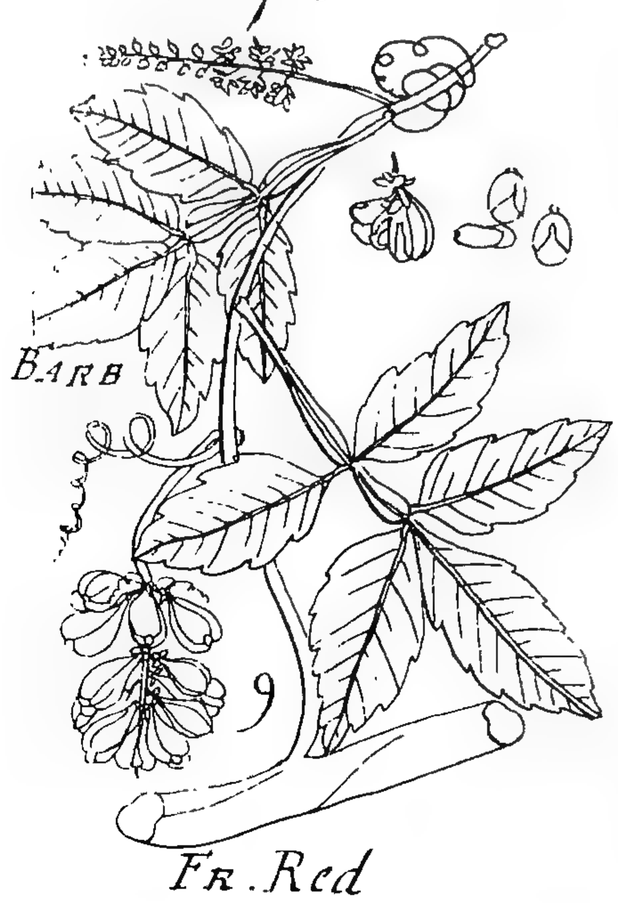


9 Cinquefoil Carriru R. 1347. Cap 13.

10 Hop Maple

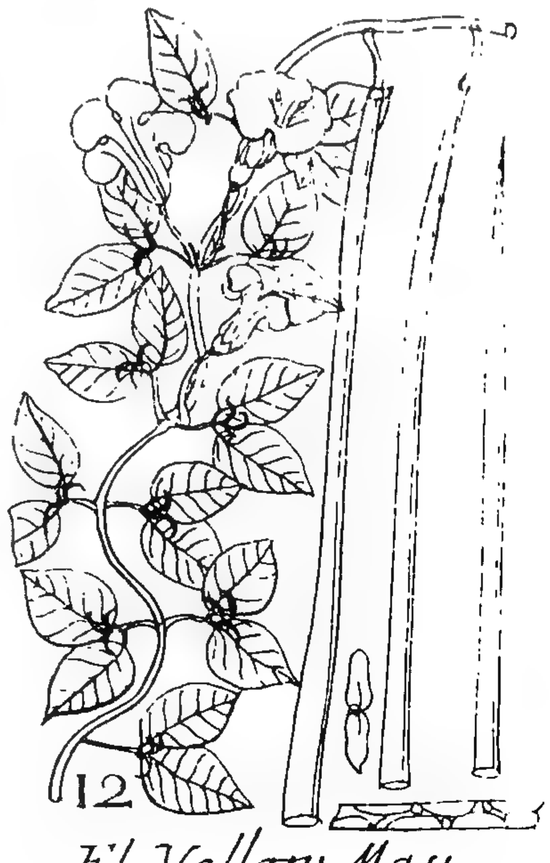
11 Velvet leaf R 1331. c. 2 & Vol 3 p 343. 23.

12 Quarter Bignon R. 3. f. 343. 23.









1 Citron Maracoc
R 649. 2.

Fl. Sweet
Fr. Yellowiſh

In Gardens

Palm
Gourd
Maracoc
R.p 340.
14.

By River Sides

2

Palm Curld
Maracoc R3p341
16.

Apple Maracoc
R3.p.340.9.

3

4

Saururi Americani American Eft tails

Vam Efts tail
Ray 3. 644. 2
pl x.

Plantain Efts
tail
Ray 3.
643. 17.

R3. 643.
pl 17.

Spotted Navell Efts tail
R3. p. 642. 8.

FIG. 1.

Mallow Efts tail
R3 p. 643. 3.

4 Thick Blunt Efts tail
R 643. 14. on rottē Trees

6 Thick, pointed Efts-tail
R. 643. 15. on rotten Trees.

Knotty Efts tail R 3 p. 644. 22

Navell-leared Efts tail
R 3. p 644 16 in Wet Woods

Curres Eftail. R 3.
p 642. 12

FIG. 1.

1. *Worm-rooted* Edder.
RAY 3. p. 582. 6.
Grows on Trees.

3. *Trefoil, eared*
Dragons *R. 3. p.*
579. 33.

3

IAM.

id. Tab. 2. 5.
By Rivers.

2

2. *Broad Worm-rooted* Edder. *or* Fire-rope.
RAY 3. p. 581. 3. Grows on Trees.

In tall Woods

4

Climing
Forked Arum
R. 3. p. 578.
pl. 32.

5

5. *Tree Arum. R. 3. p. 577. 27. In Bogs, & Swamps.*

7. *Willow* Edder.
Grows on Trees.

7

8. *Climing jagged*
Dragons. R. 3. p. 582. 4

In great Woods

IAM.

8

IAM.

6

Dumb Cane.
R. 3. p. 577. 29.
In moist ground
very Comon.
id. Tab. 2. f. 3.

Climing long Edder. *id. Tab. 2. 3.*

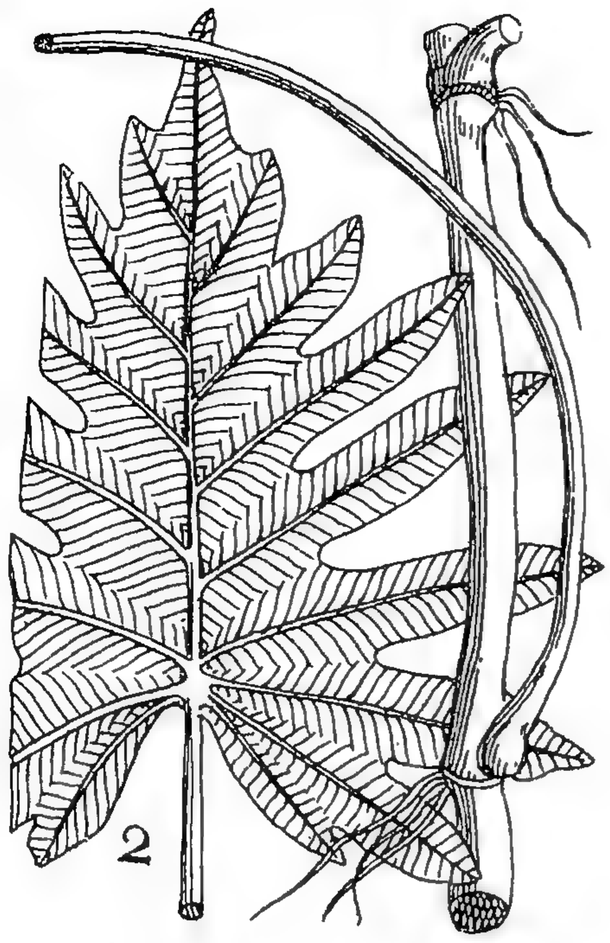
9

Sutton Nicholls sculp.

Grows on large Trees

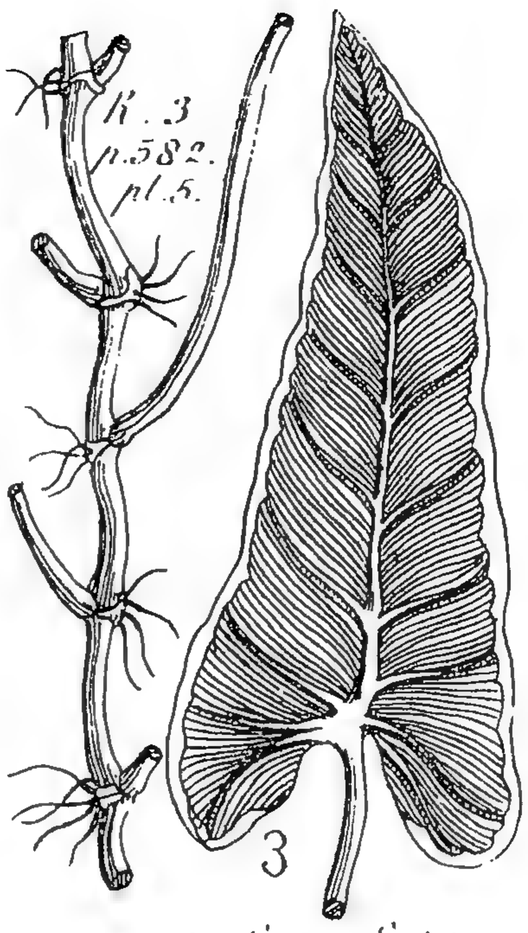
FIG. 1

1 China or Red Arum
Ray. Vol. 3. p. 585. 18.



2. Climing jagged
Dragon Tab. 2 f. 8

6. Climing forked
Arum Tab. f. 4



3. Long Edder

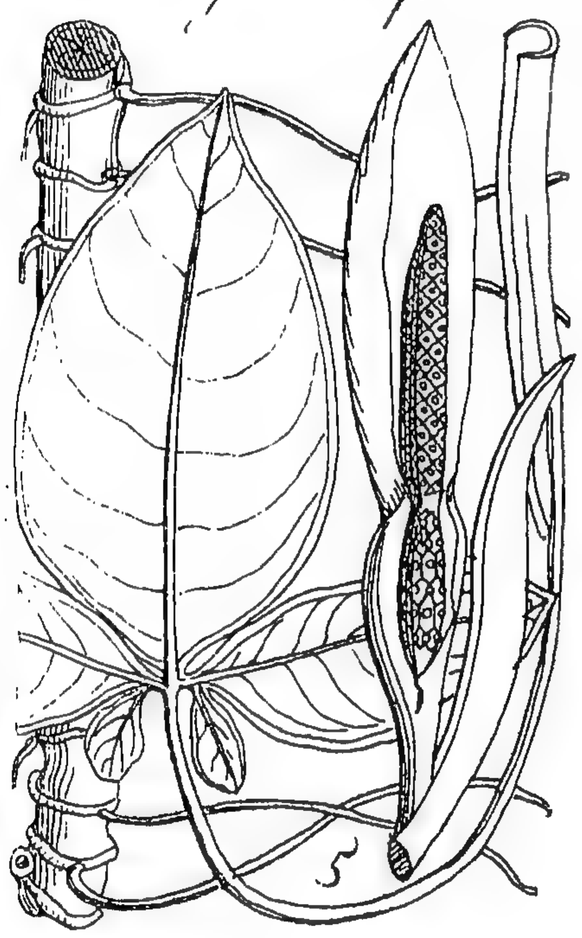
7. Edge Arum
Tab. 1 f. 3.

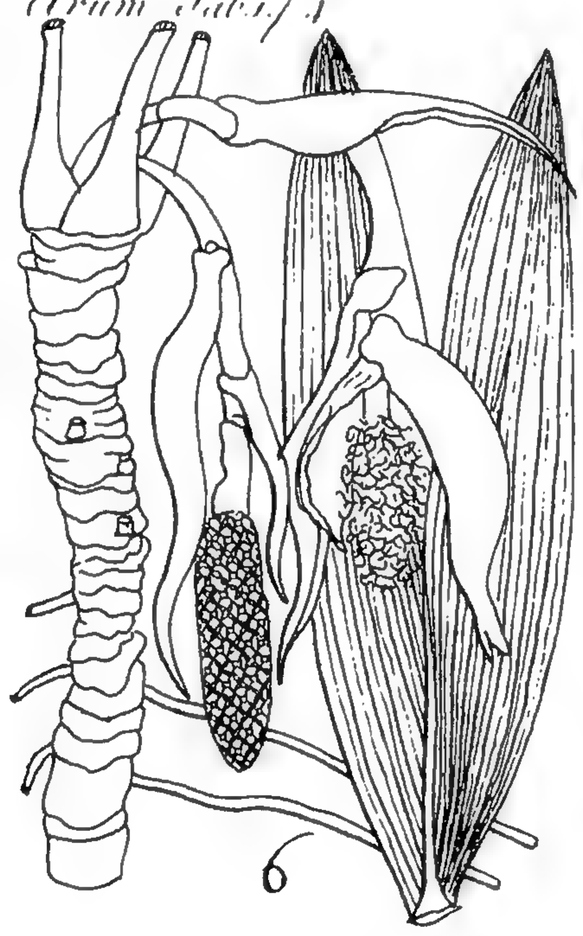


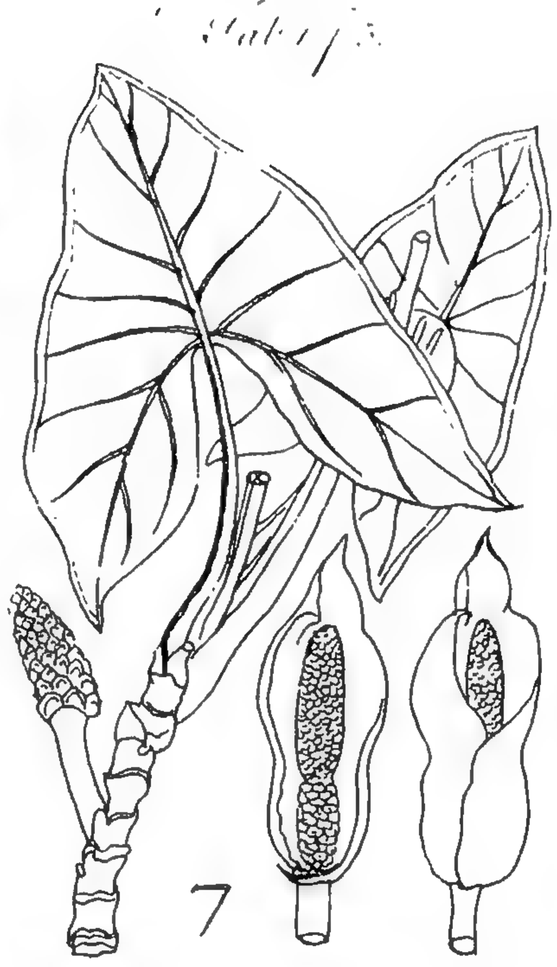
4 Holly Edder

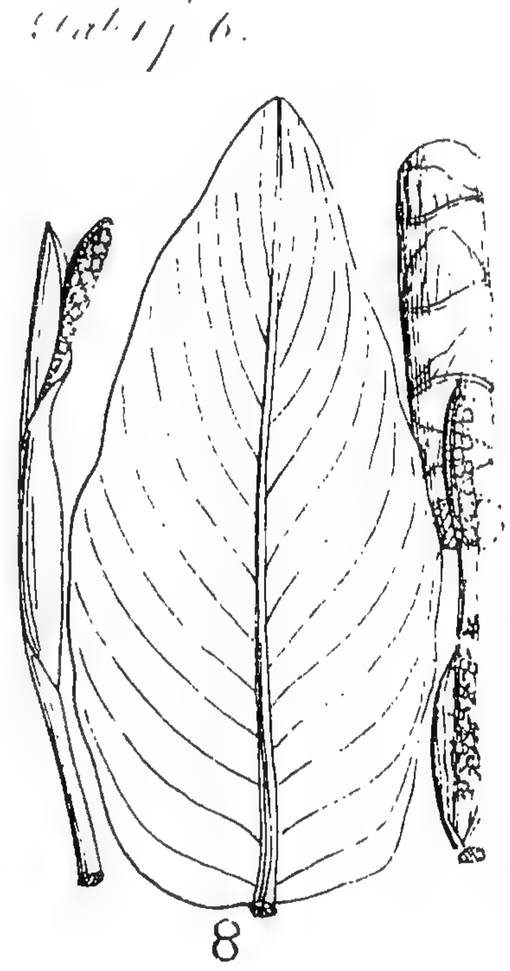
8 Round Cave
Tab. 1 f. 6.

5. Trefoil Eared
Dragon Tab. f. 3







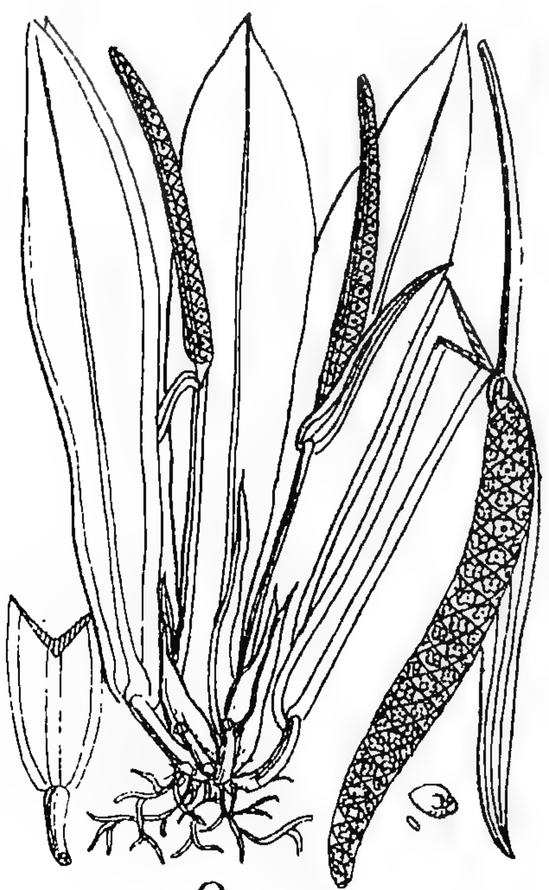


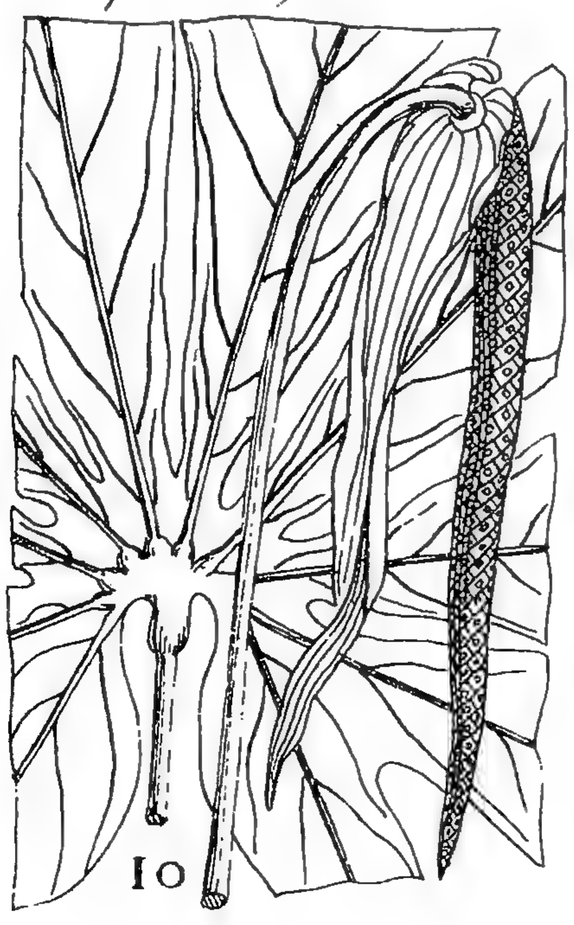
9 Parroquet Edder
Ray 3. p. 578. 30.

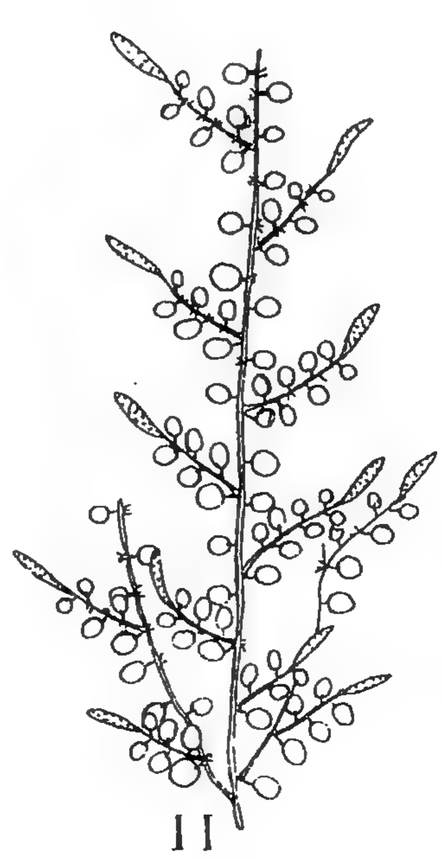
10 Tree Dragon
K. 3. p. 585. 19

11 Round Spit-tail
K. 3. p. 611. 7

12 Spanish Edder
K. 3. p. 613. 18.







Grows on Rocks
& fallen Trees



Round trefoil Efstail R3 p. 641. 6. Creeps about Trees

FIG. 1.

Forked Birthwort R3 p395. XI.

4.

2.

Spoon Climer R3 p348. 15

5.

3.

XI.

B.

12.

13.

6. Spotted Creeping Fistail R3. p. 642. 9. in Woods

6.

7. R. 578. 31.

14.

8. R3 p343. 22

10 Star Dragons. R3. p585. 19.

9.

Ray 3 p. 341. 17.

1

10.

15.

Sutton Nicholls fculp.

AMERICAN PLANTS with one, 3, 4 or 5 Leaved Pipe or Hollow FLOWERS. TAB. 119.

1 Matthiole

3 Valde

2 Dalechamp

4 Caraguate

5 Renealm

6 Zanon

7 Karata

8 Bromel

9 Marauta

10 Trage

11 Camara

12 Bihai

13 Plukenet

14 Columna

15 Bonty

16 Fuchsia

17 Lonicer

18 Camerary

19 Tabermont

20 Gerard

21 Rondelet

22 Castor

23 Piso

24 Besler

25 Arapabaca

26 Ysora

27 Rawolf

28 Cornute

29 Barler

AMERICAN PLANTS with 5 Leaved Pipe & Flat Flowers. TAB. 120.

Brunfels FIG. 1.



2 Ruell



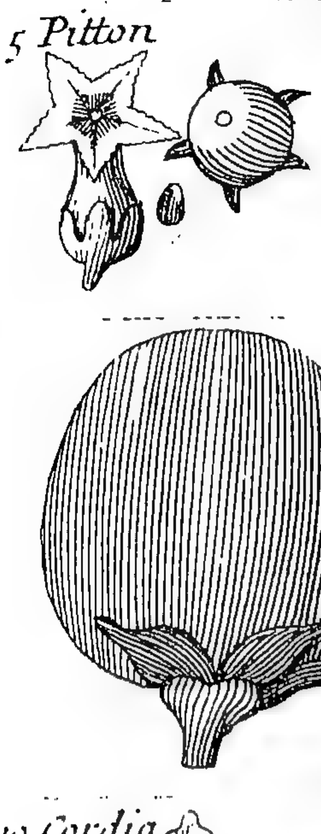
3 Vanilla



4 Gesner



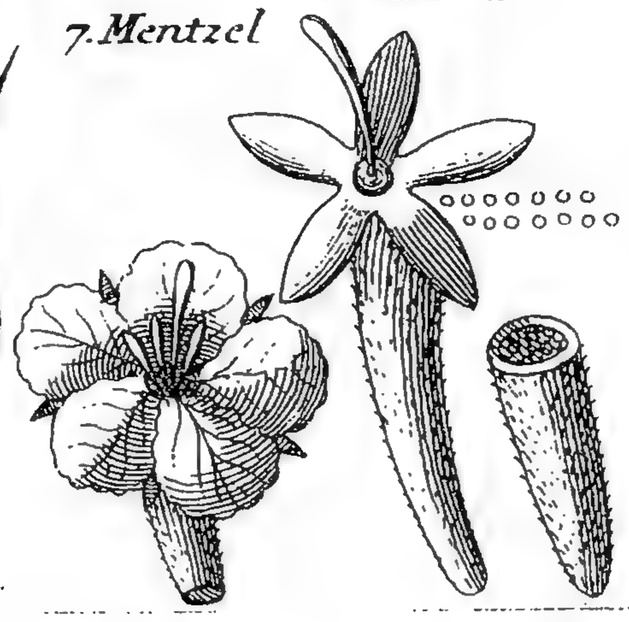
5 Pitton



6. Kodda-pail

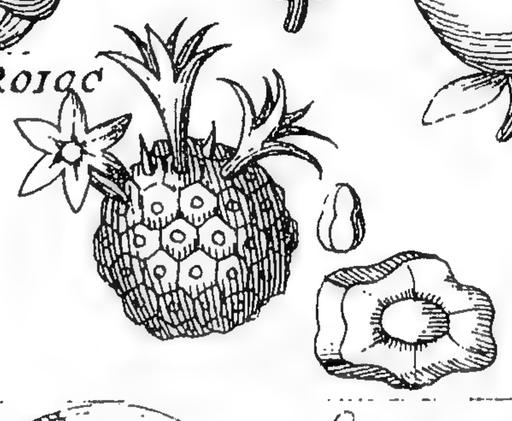


7. Mentzel

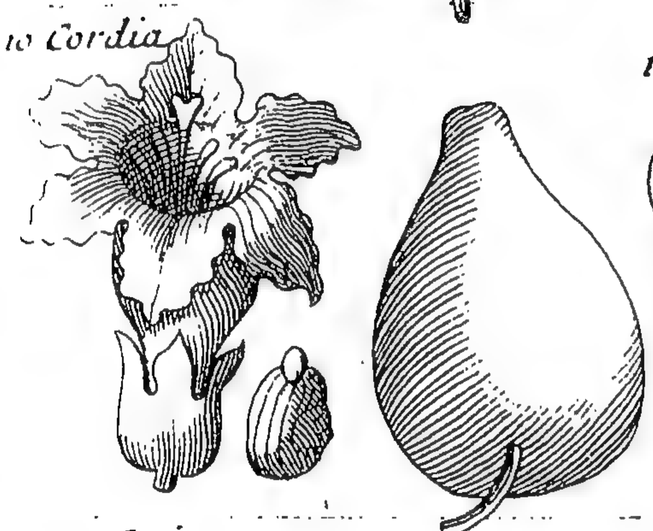


8 Lobel

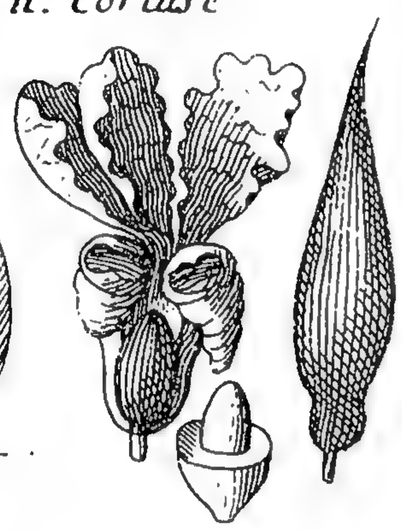
9 Roioc



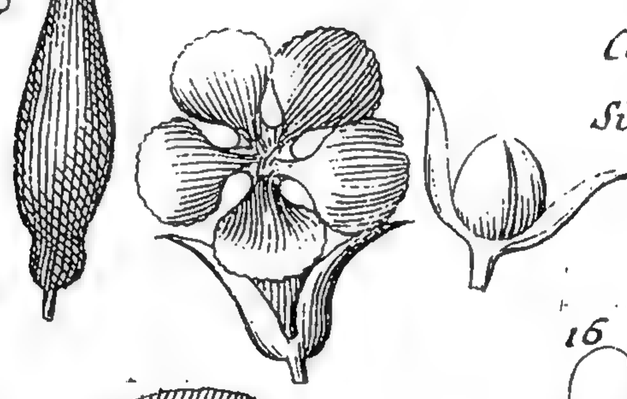
10 Cordia



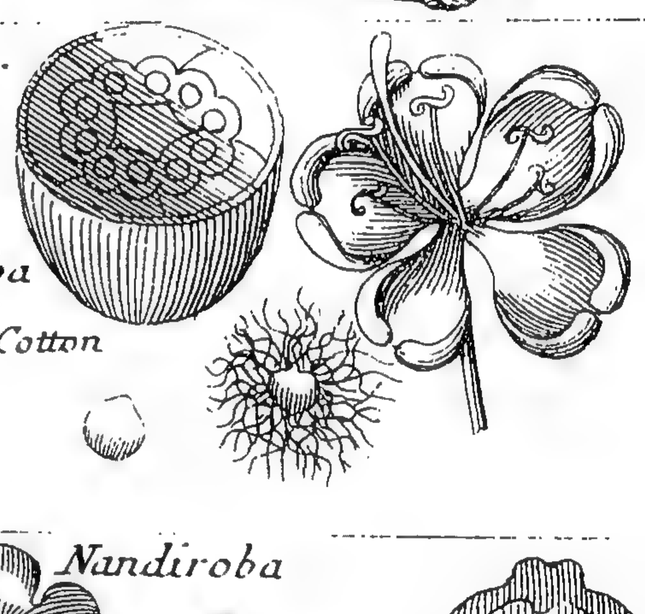
11. Cortuse



12 Turner

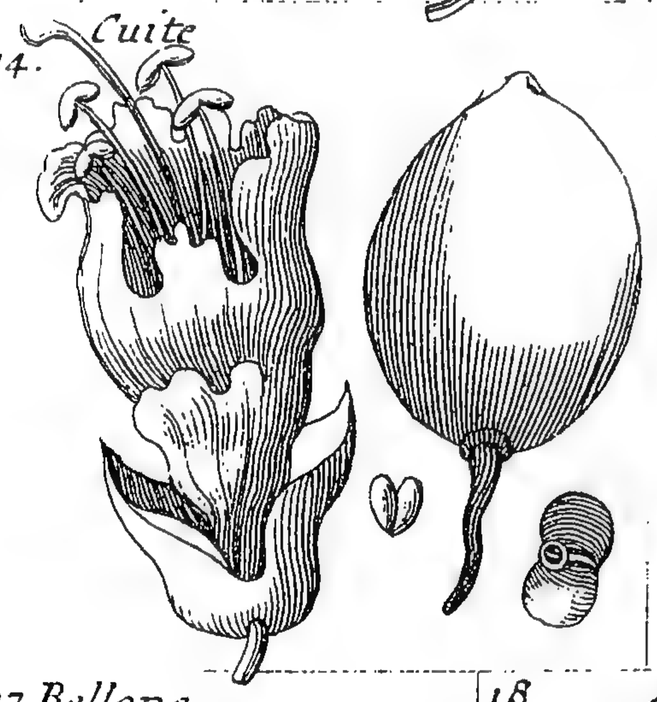


13.

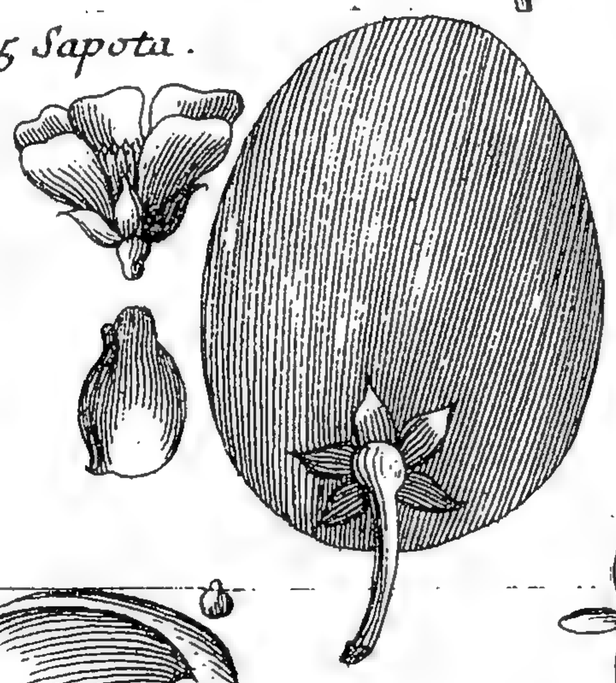


Ceiba or Silk Cotton

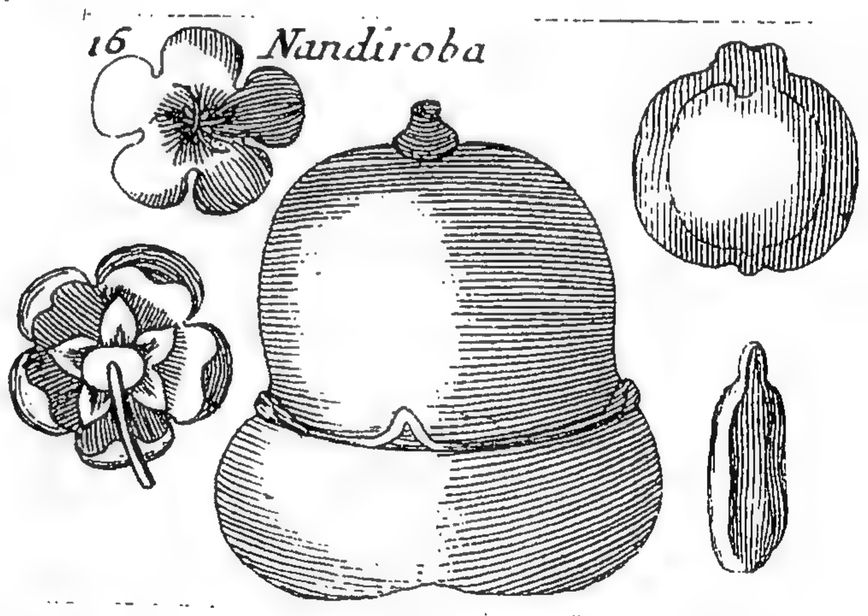
14. Cuite



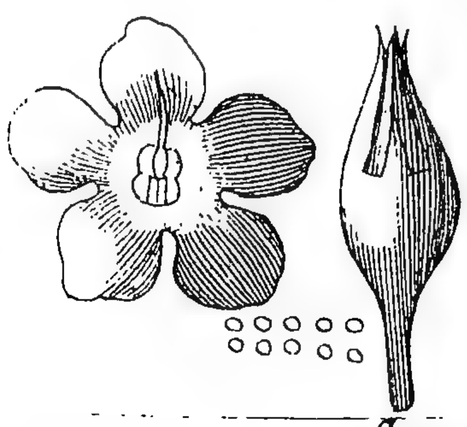
15 Sapota.



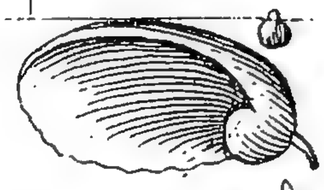
16 Nandiroba



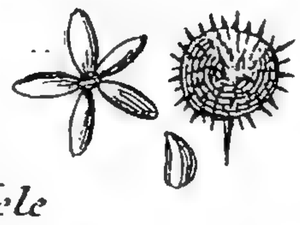
17. Bellone



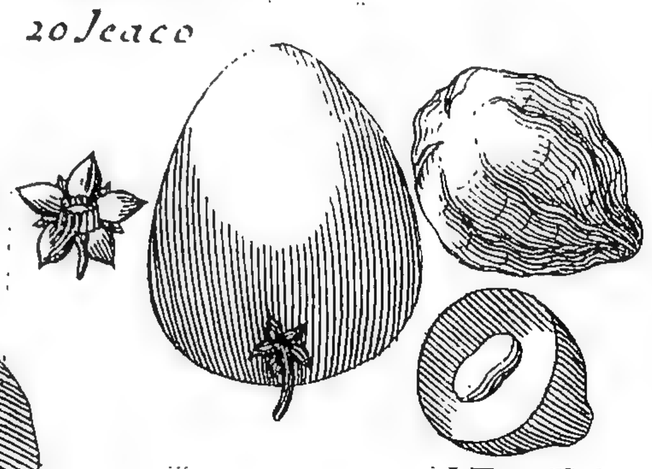
18 Ian RAY



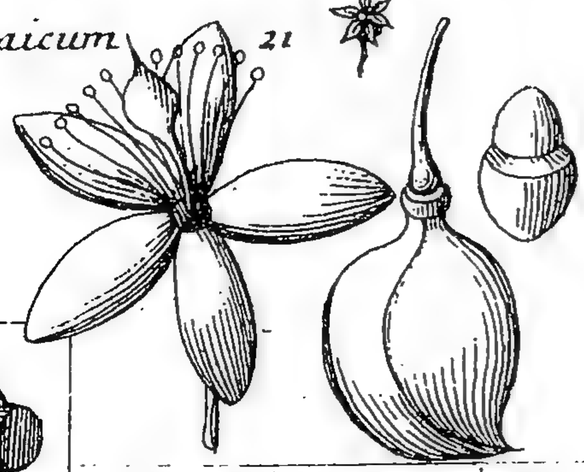
19 Triumfele



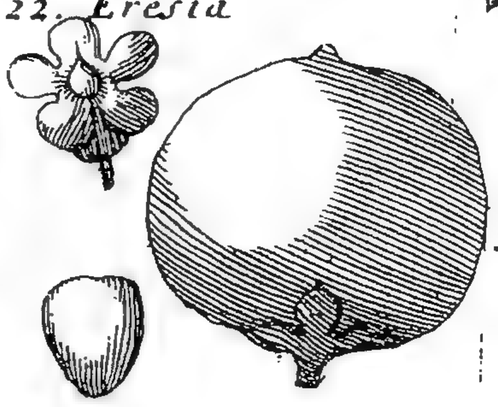
20 Jeaco



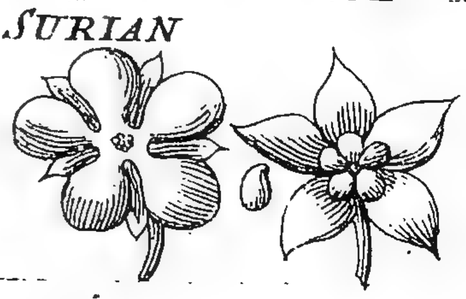
Guaicum 21



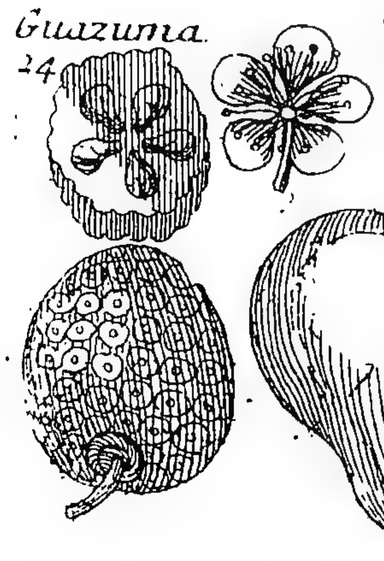
22. Eresia



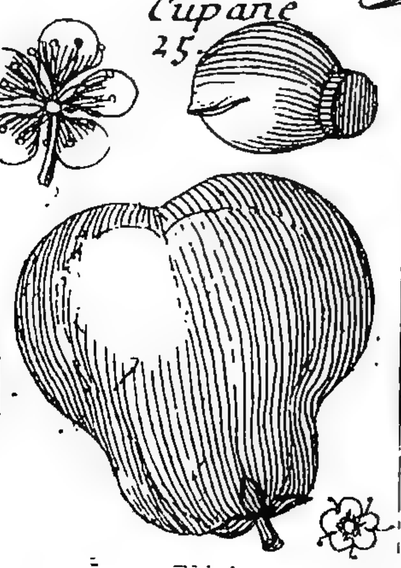
23. SURIAN



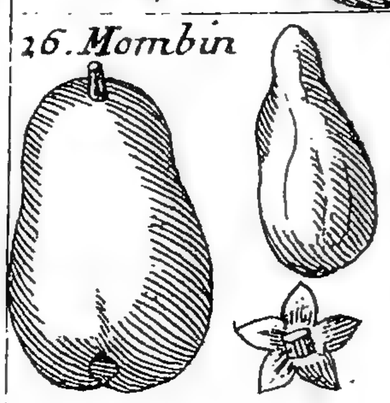
Guazuma. 24



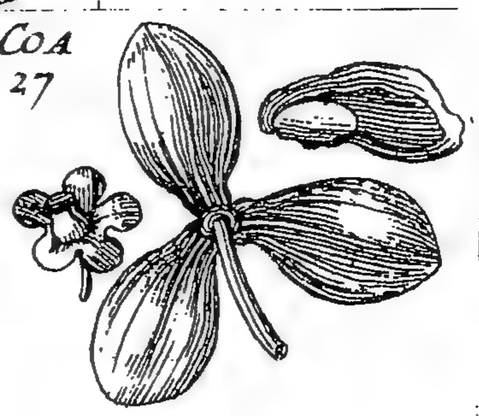
Cupane 25.



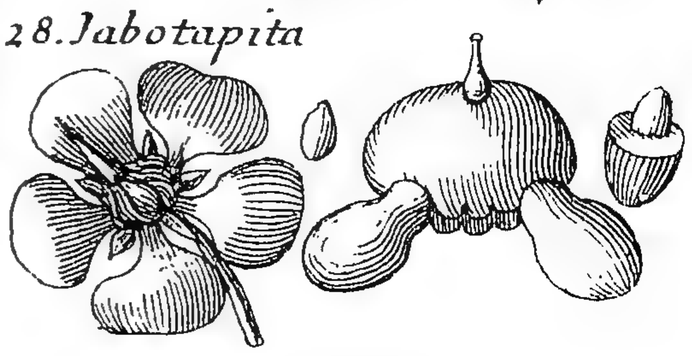
26. Mombin



COA 27

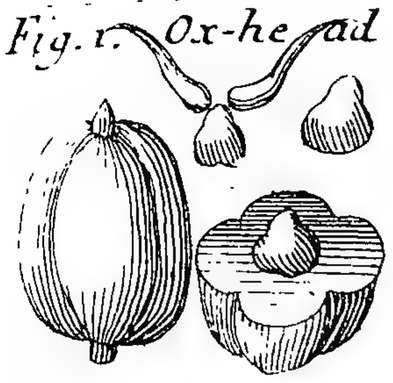


28. Jabotapita

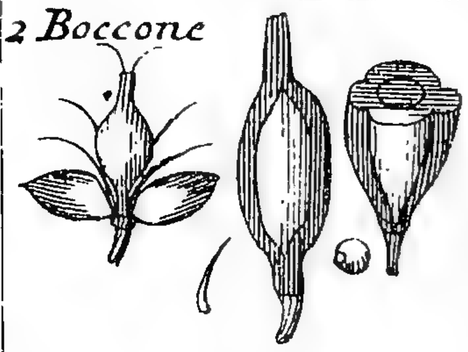


AMERICAN PLANTS with 2, 3, 4 or 6 Leaved FLOWERS. TAB. 121.

Fig. 1. Ox-head



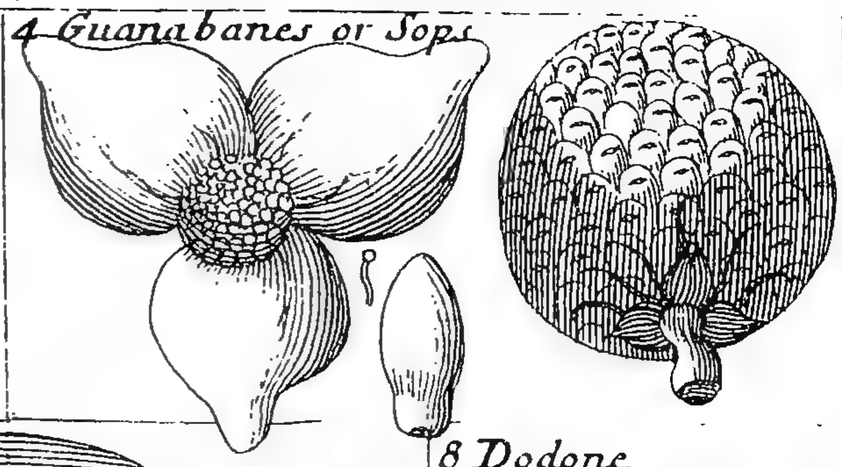
2 Boccone



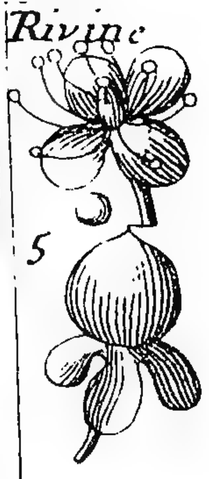
Com- melin 3



4 Guanabanes or Sops



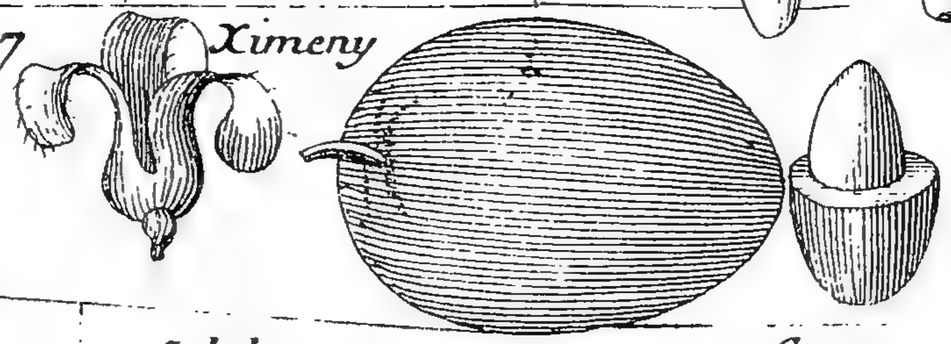
Rivine 5



6 Dates



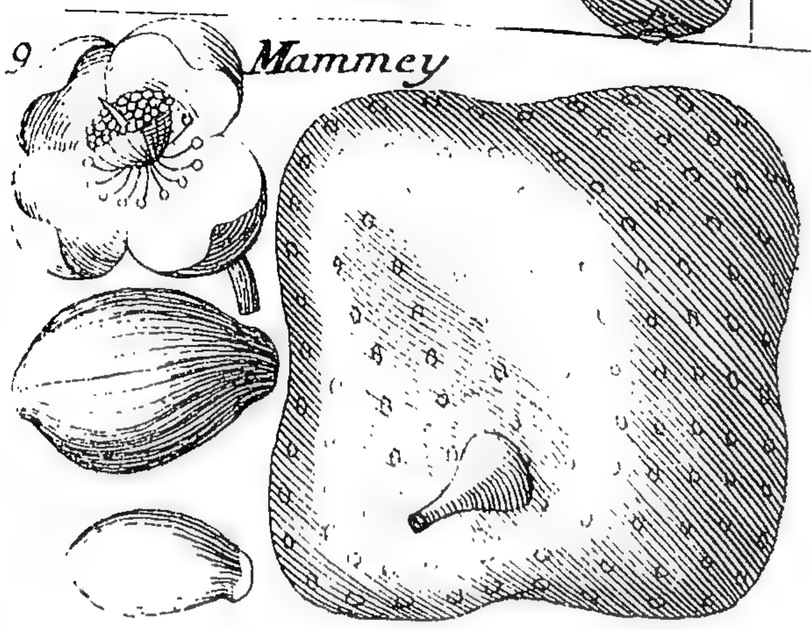
7 Ximeny



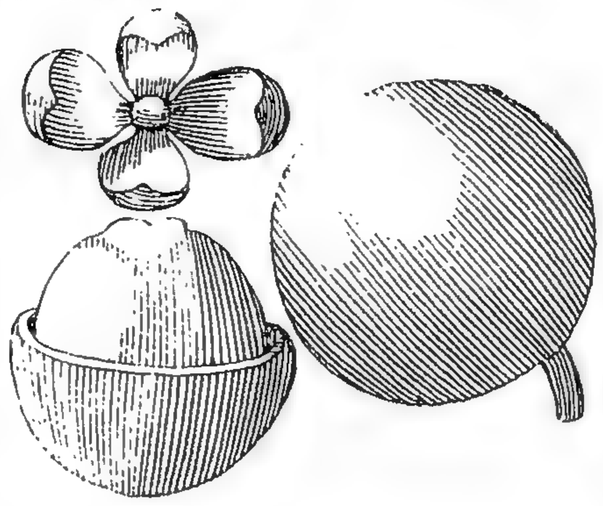
8 Dodone



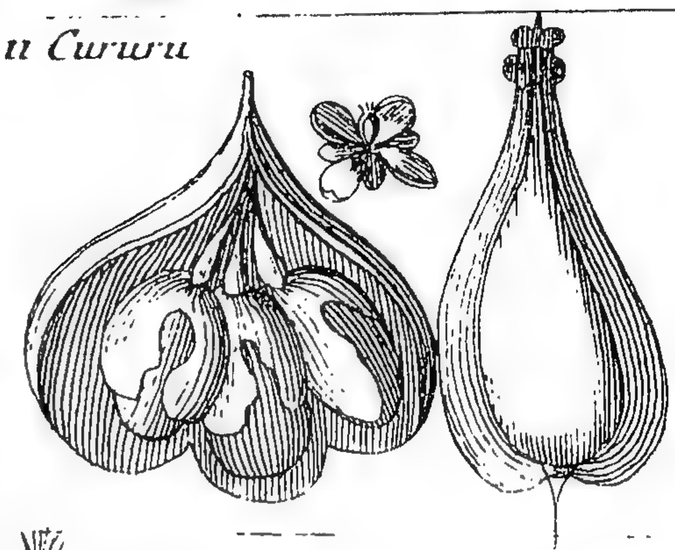
9 Mammey



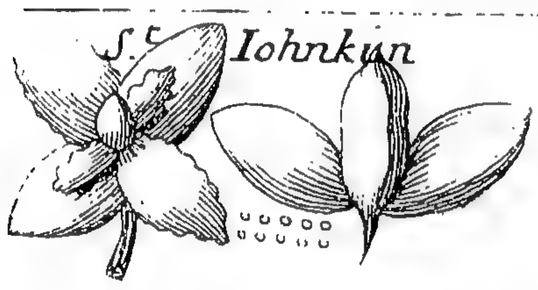
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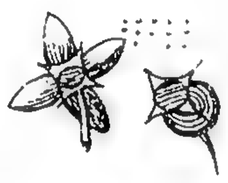
11 Curwu



12 S.t Iohnkun



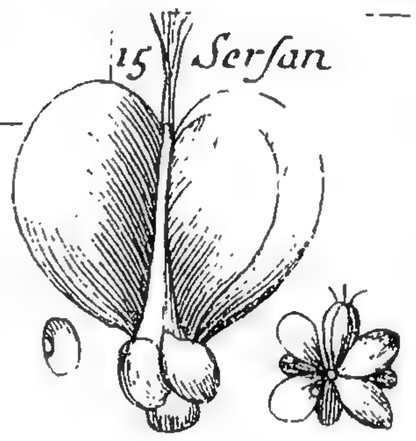
13 Oldenland



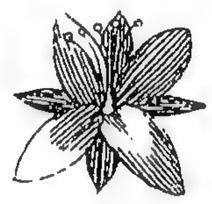
14 Petiver



15 Serfan

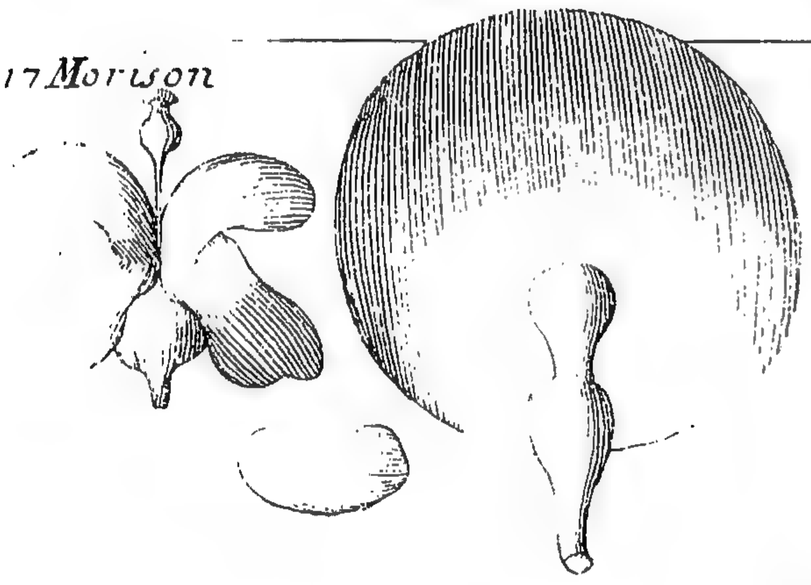


16 Mangle

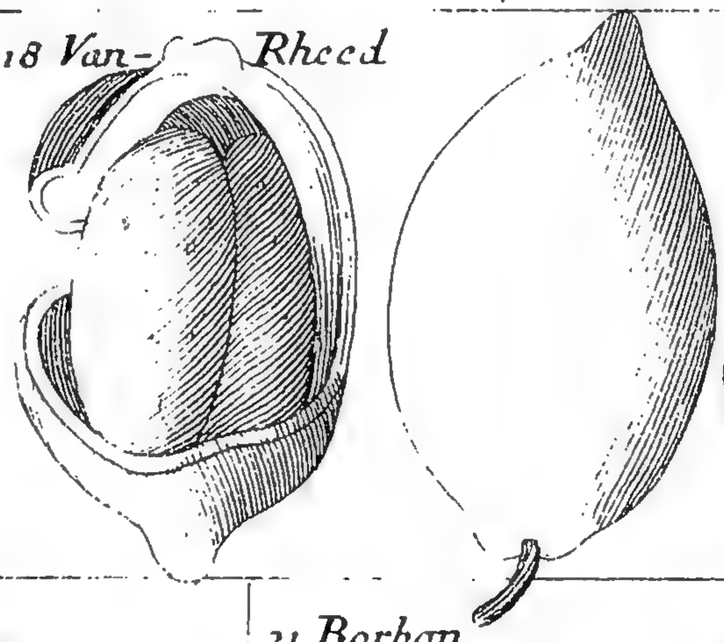




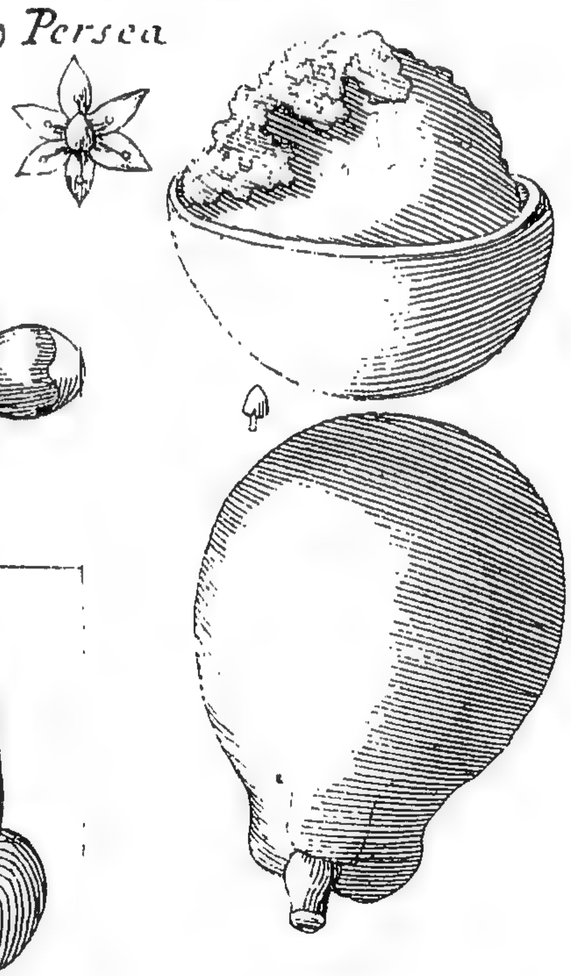
17 Morison



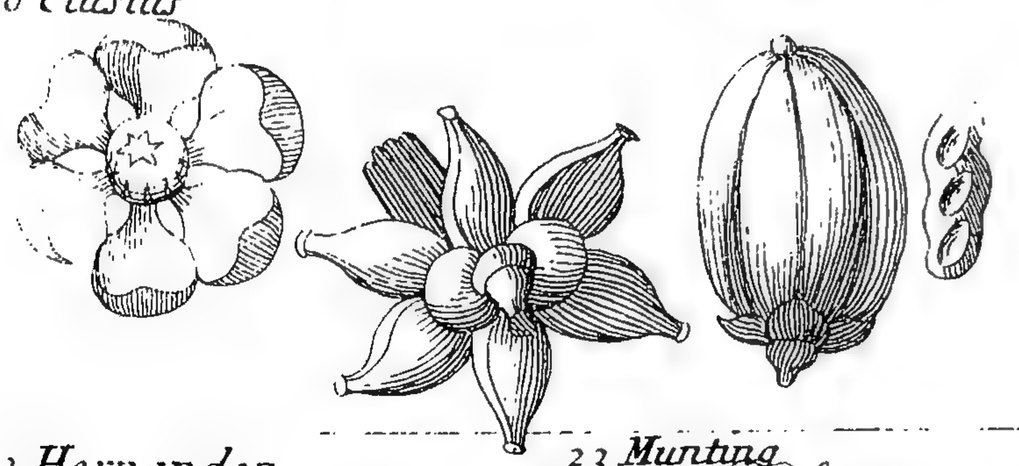
18 Van- Rheed



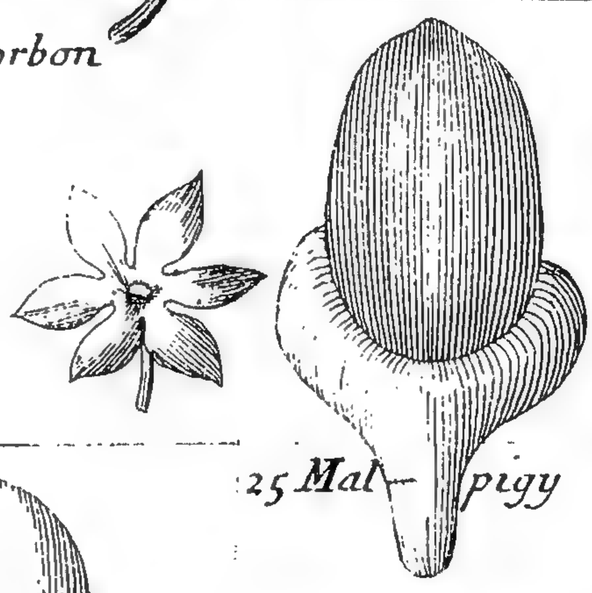
19 Persea



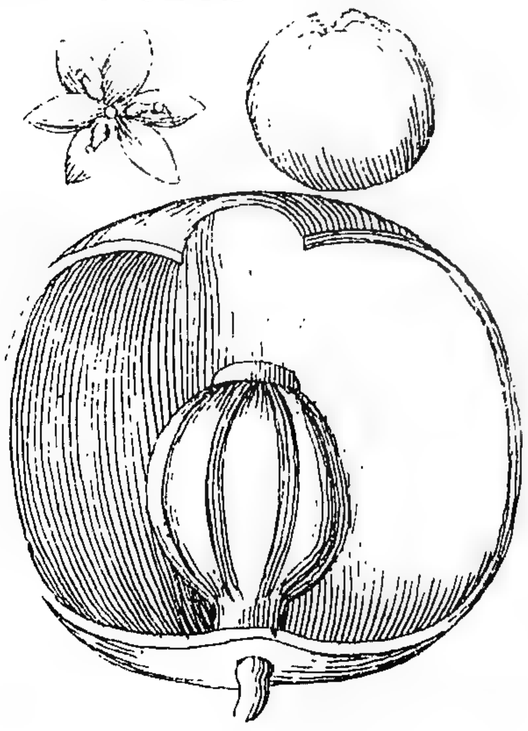
20 Clusius



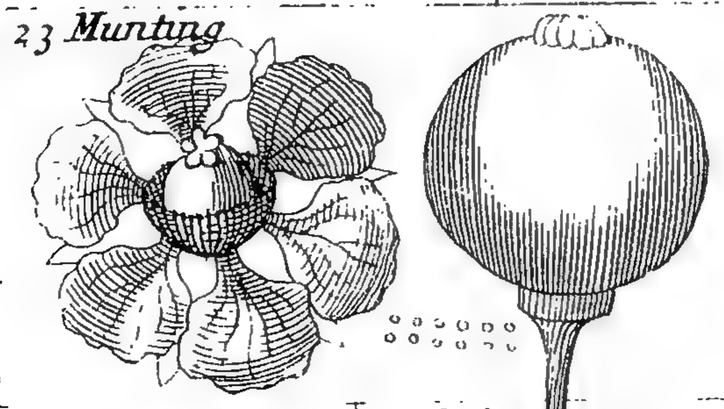
21 Borbon



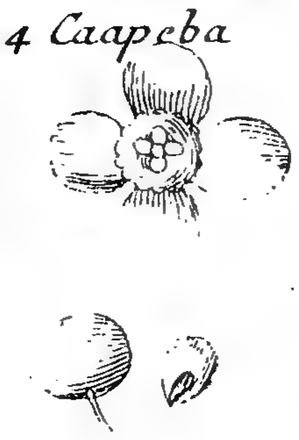
22 Hernandez Jack in a Box



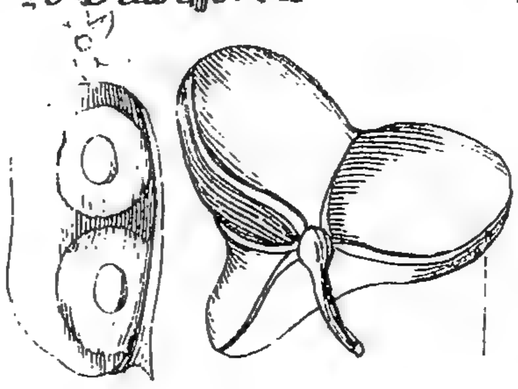
23 Munting



24 Caapeba



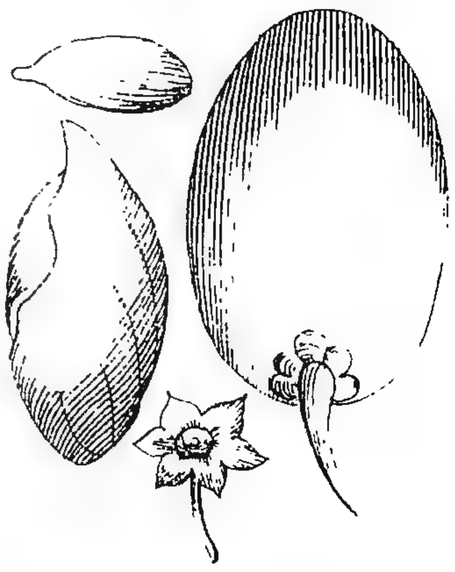
26 Diascorea



25 Mal- pigy



27 Cainito



AMERICAN PLANTS with Thumy, Pea-bloom & Miscellany FLOWERS. TAB. 122.

1 Lizardtail

Fig. 2. Pliny

3 Sloan

Inga 4

5 Peney

6. Marchaneel

7 Cesal pine

8 Breyne

Plarkinson

9 Corbaril. Locus tree

Arachidna Earth-Nut 10

Maynol

11

12

13 Peresky

Alpinus

14

15 Dorsten

16 Brossey

Marc grave

17

18

Bonduc Nickars.

19 Bauhines

20 Musa

Guidon 21

22 Tapia. Garlick - Pea

Plantæ AUSTRIÆ &c.

TAB 123.

Fig. 1
RAY 665. 5.

2
R. 666. 7.

3
R. 1003. 1.

4
R. 1083. 7.

5

R. p. 590. 8.
6

7
R. 634. 4.

8
R. 1229. 3.

R. 1040. 7.
9

10
R. 1085. 1.

XI
R. 789. 3.

12
R. 296. 9.

R. 127. 2.
16.

13
R. 260. 2.

14
R. 1234. 3.

15

RAY 187.4.

FIG:1

2

R. 607. 3.

3

R. 607.4.

4

R. 608.11.

5
R.751.1

6
R. 832.
pl. 10.

7 R.691.4.

8 R.1084.8.

9
R.1233.2.

10

R.1232.
12.

XI
R.1153.13.

12
R.1031.2.

13
R.1487.1.

14
R.655.1.

15
R.654.2.

16
R.654.1.

RAY Hist. Plant p. 323. pl. 2.

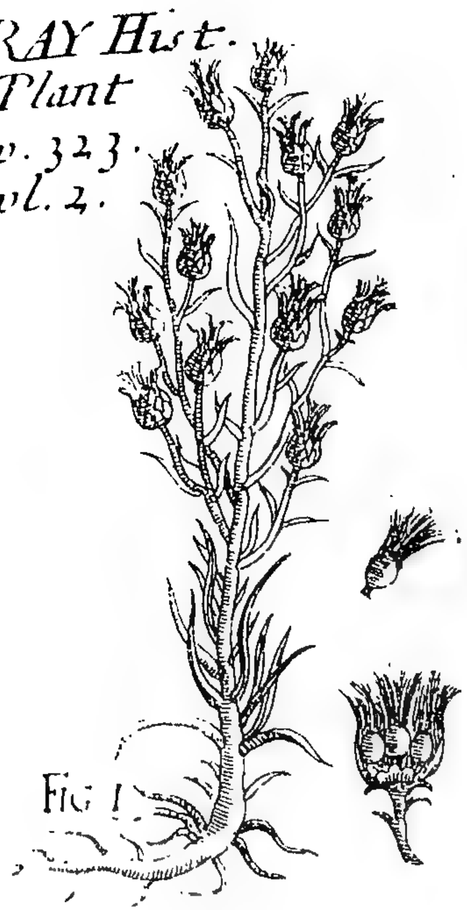


Fig 1



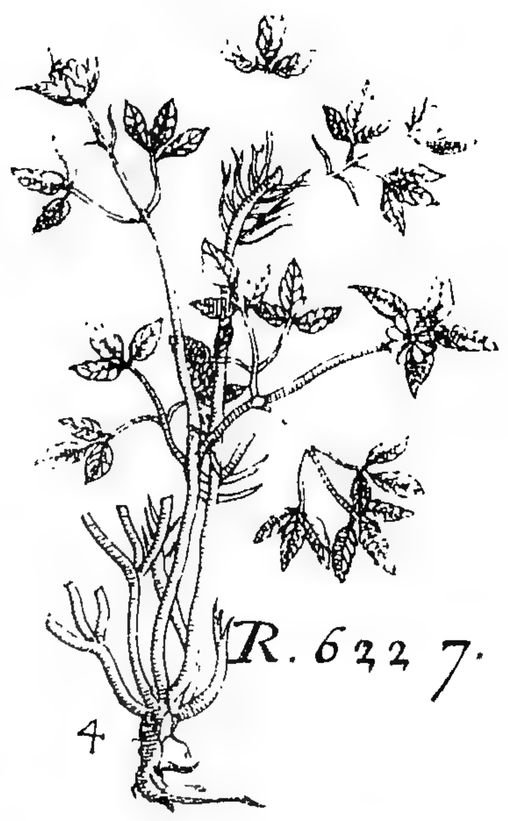
R. 554.

2



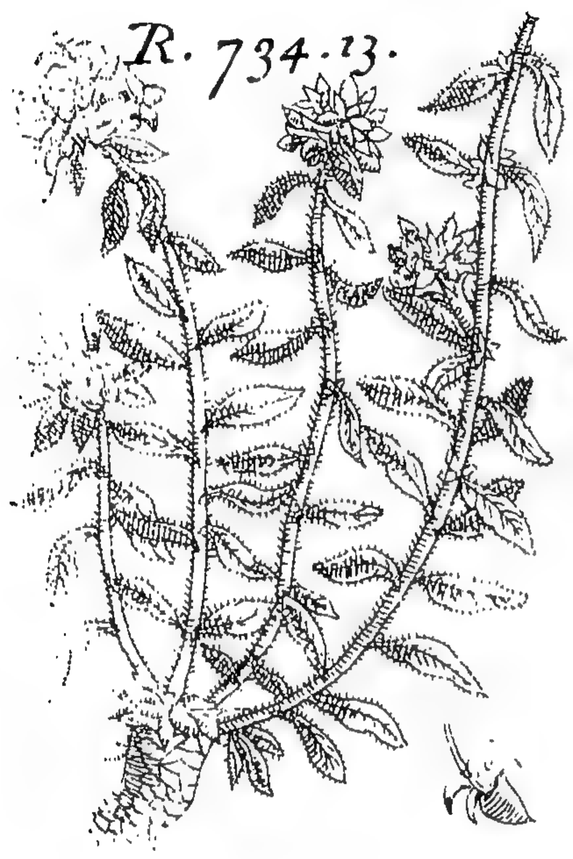
R. 608. 8.

3



R. 6227.

4



R. 734. 13.



R. 744. 4.

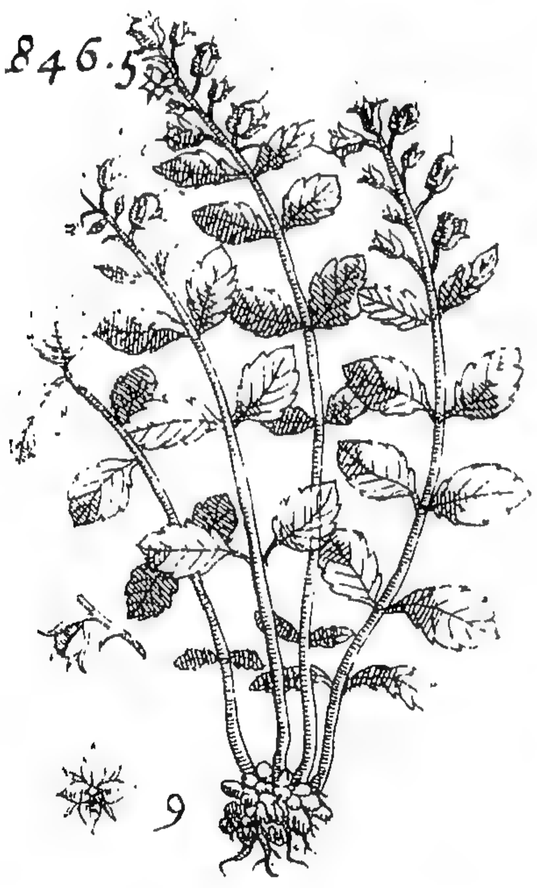
6



R. 596. c. 4.

7





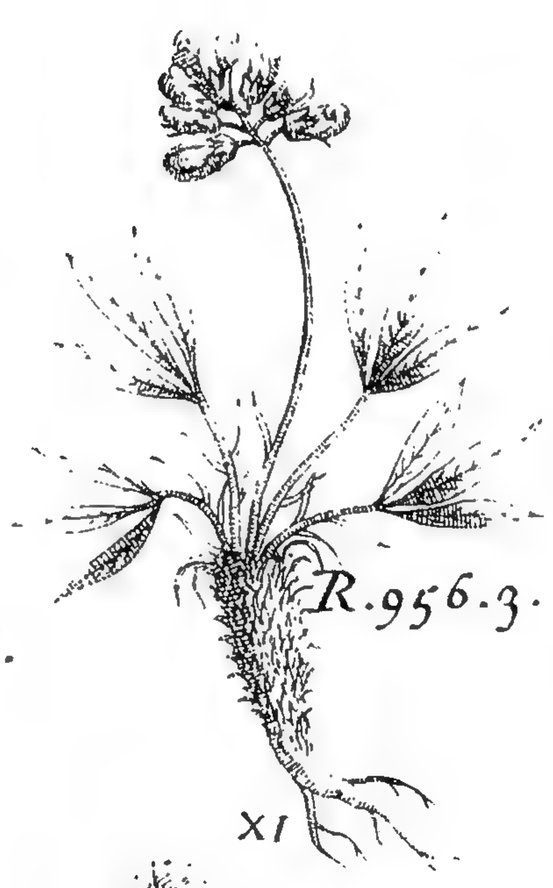
R 846. 5.

9



R. 448. 8.

10



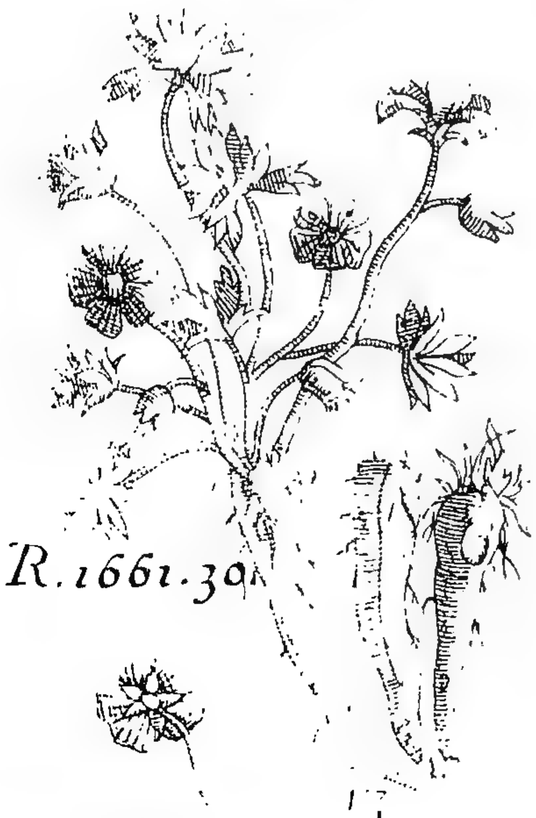
R. 956. 3.

XI



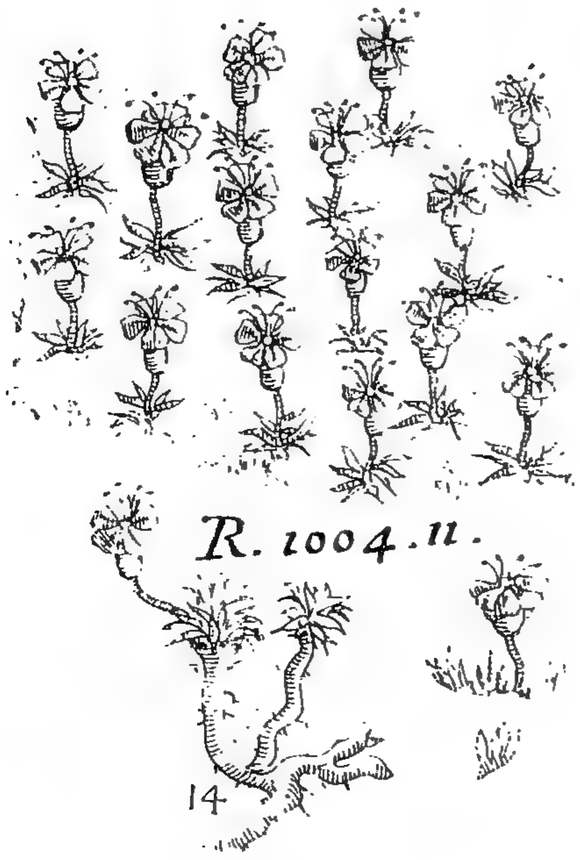
R. 1012. 2.

12



R. 1661. 30.

17



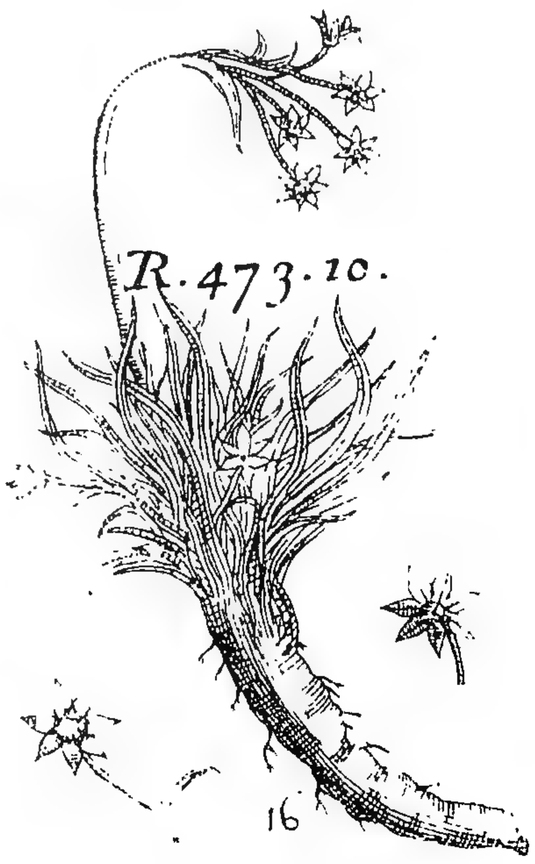
R. 1004. 11.

14



R. 1043. 22.

15



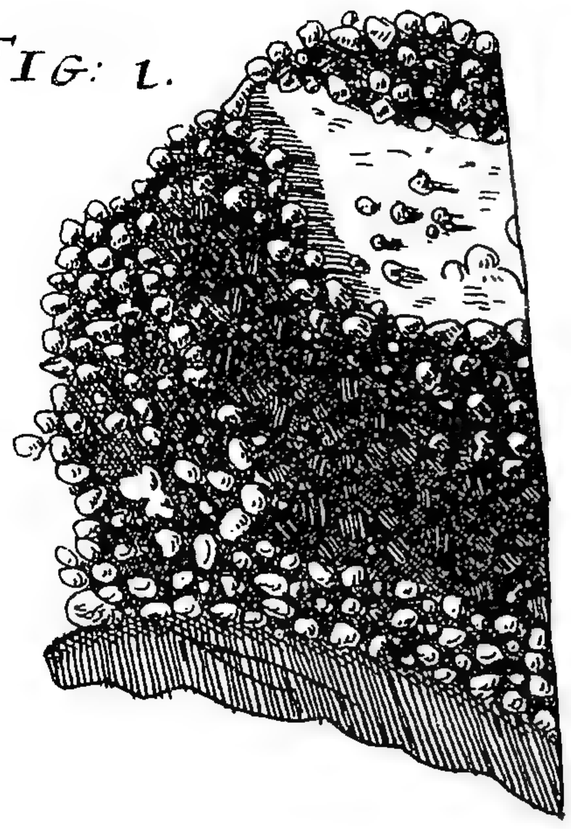
R. 473. 10.

16

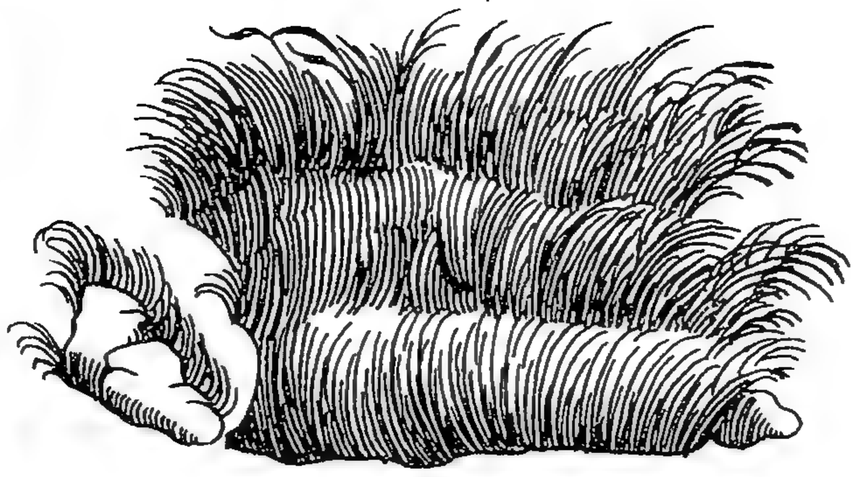
Fig 1
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11 A
B.
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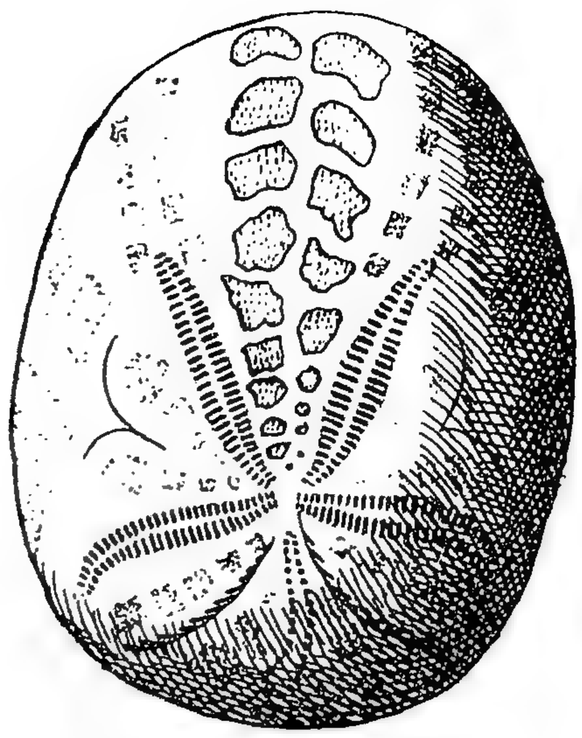
Tab. 127.

FIG: 1.

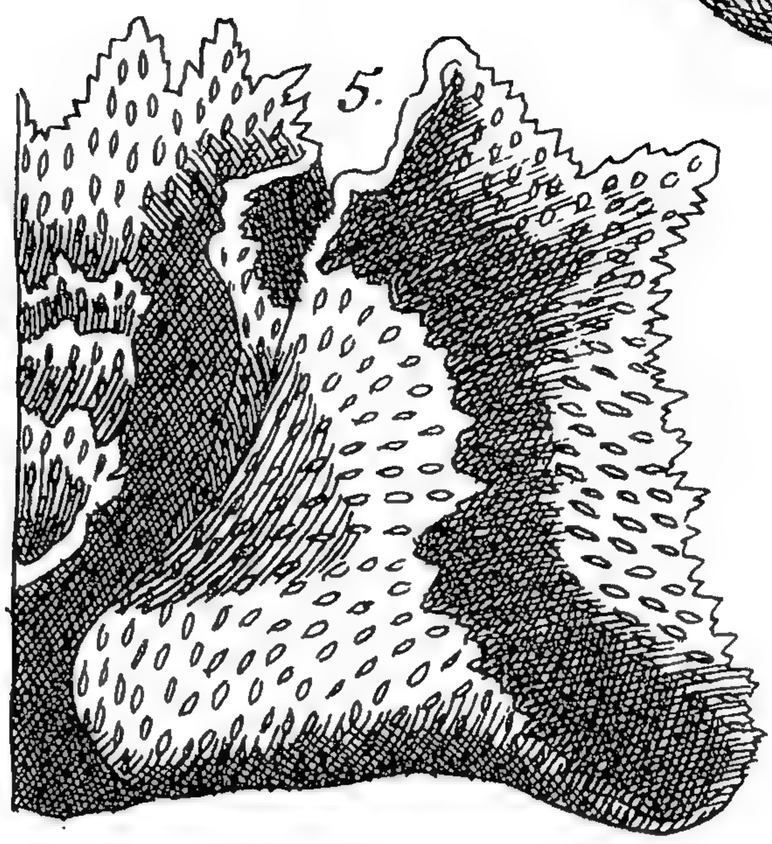


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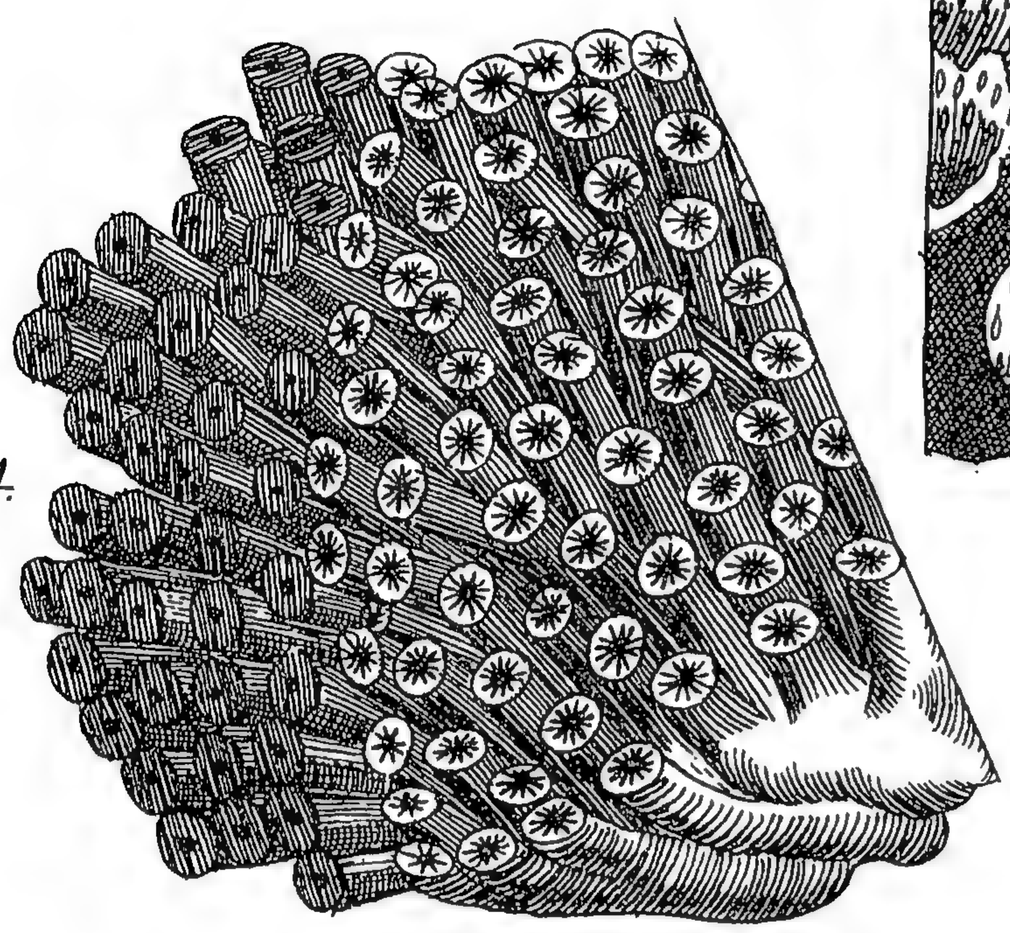


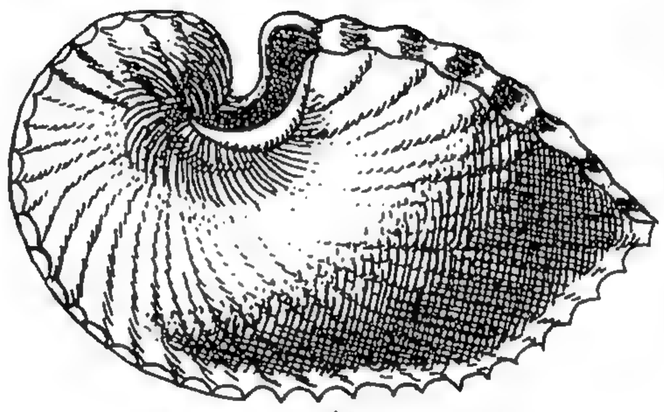
5.



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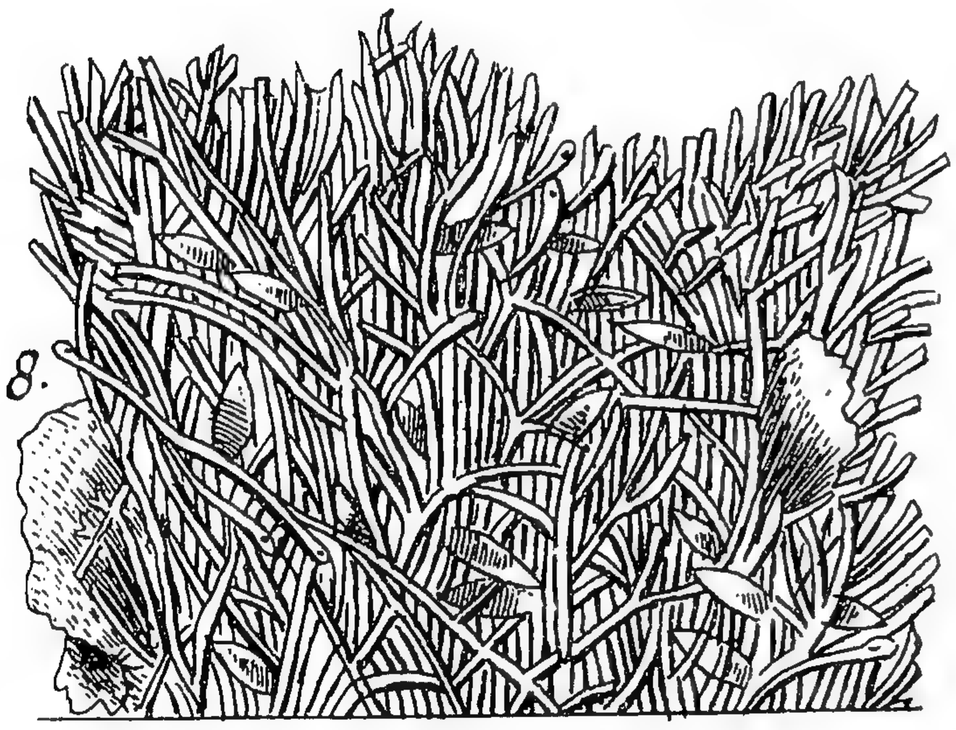


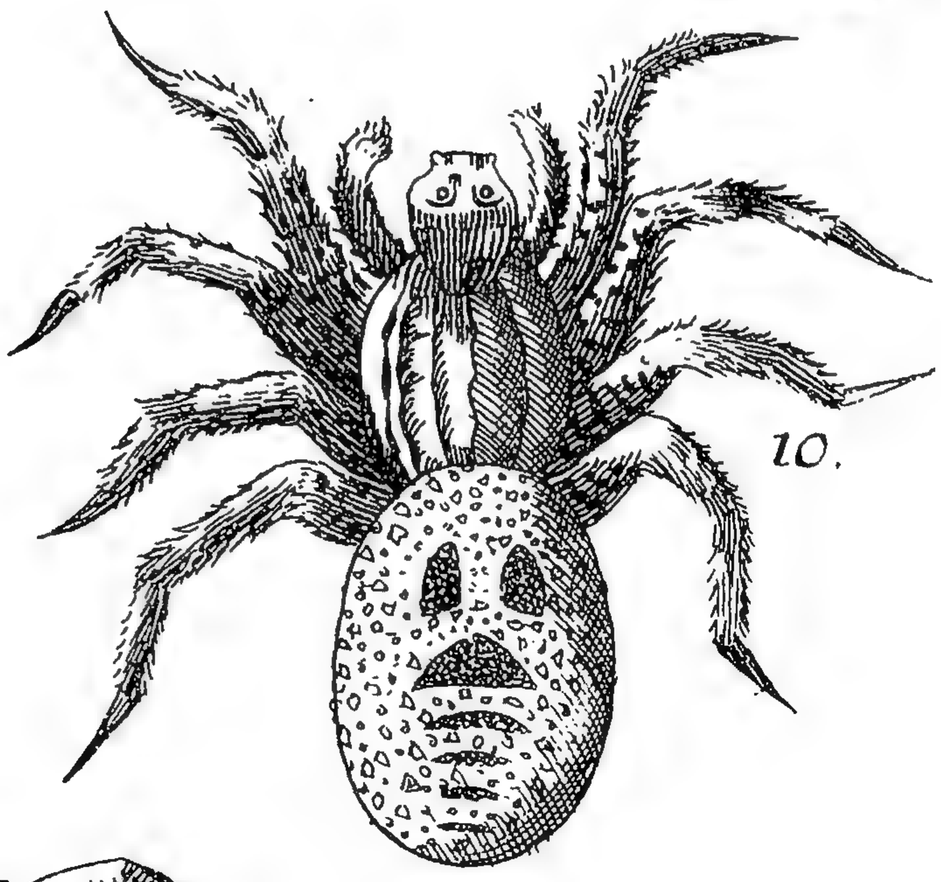
7.



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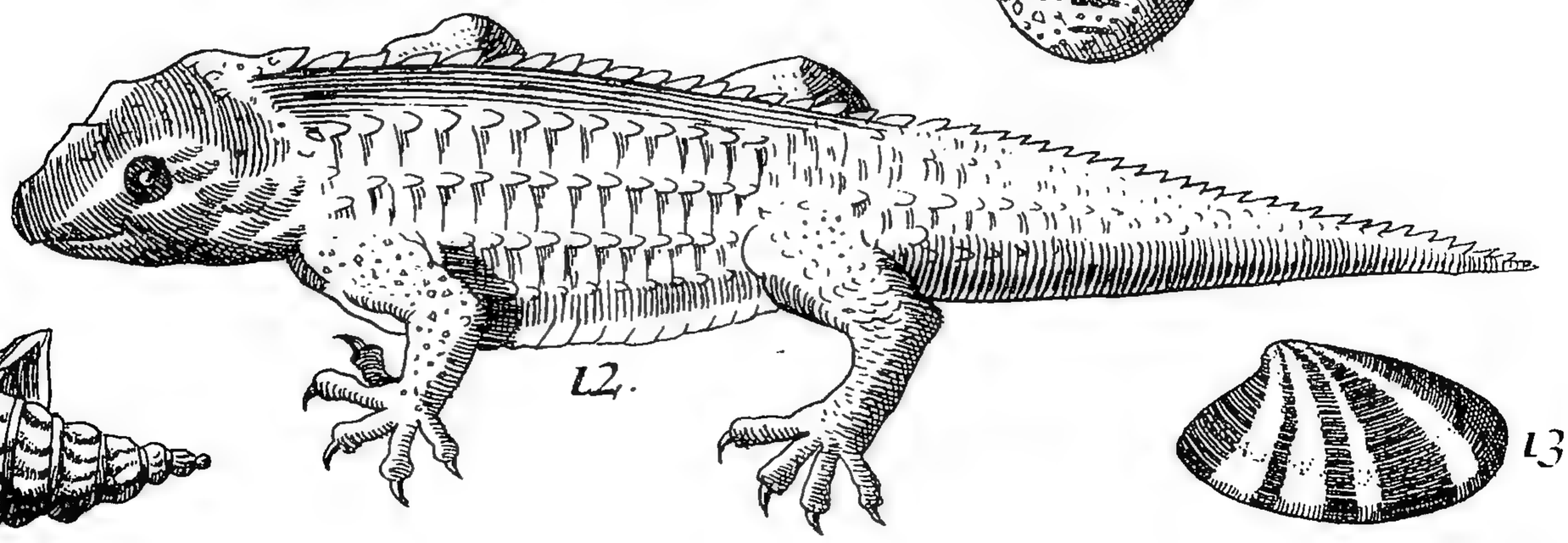




10.



11.



12.

13.

Sutton Nicholls sculp

ORCHIDES ETRURIÆ, Floribus *Ligulis*, &c. A BRUNO TOZZI Ab. Val. Fectæ

1. Orchis Etrur. *angustifol. ad Rad. maculata, linguâ ferrugineâ* Br. To. 221.

2. *Orchis mont. Italica Fl. ferrugineo, lingua oblonga C. B. pr. 29. 5.*

3. *Orchis* Etrur. *linguâ dilutè lata*. Br. To. 221.

4. *Orchis* Etr. *linguâ ferrug. pilosâ*. Br. Toz.



5. *Poly-Orchis* Etrur. *linguâ albidâ. B. T.*



6. *Poly-Orchis* Etrur. *linguâ rubro-luteâ.*



7. *Orchis* Tragodes *ligulis purpureis.*



8. *Orchis flore* Simiam *referens C. B. 82. 8.*



9. *Orchis* Etr. *marit. fl. hiante purpureo.*



10. Eadem *fl. dilutè rubente. B. T.*



11. Eadem *fl. candido.*



12. *Orchis* Etrur. *palustris, spicâ longâ Roseâ. Br. Toz.*



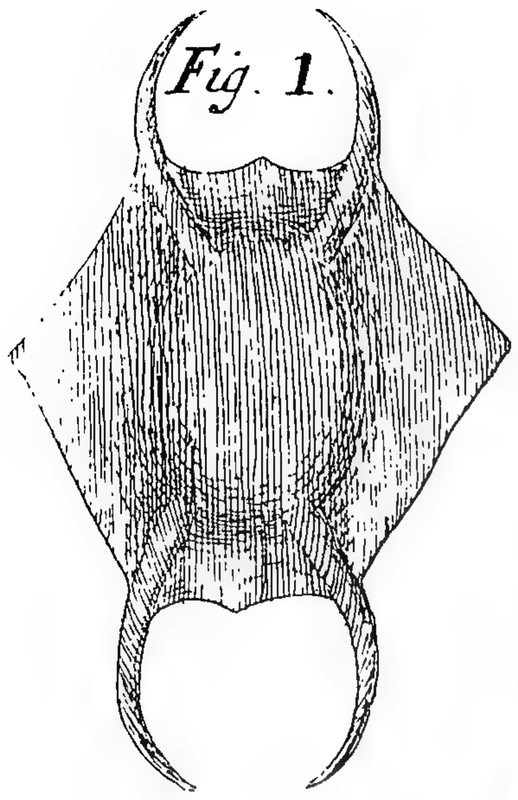


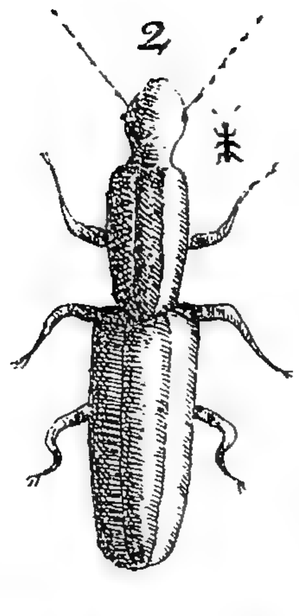


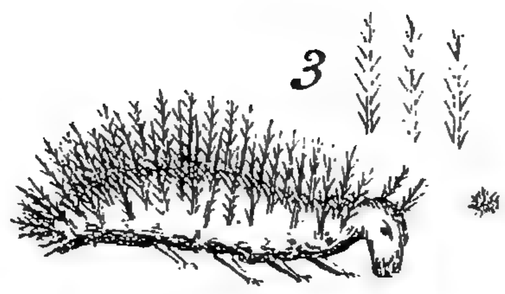


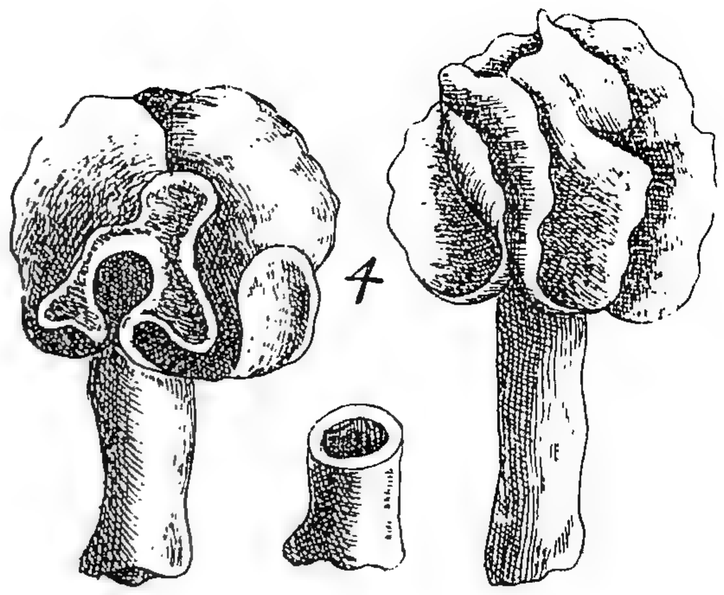
Res Naturales ETRURIÆ, *a D. BRUNO TOZZI Ab. Val. & S.R.S. Pictæ Tab 129.*

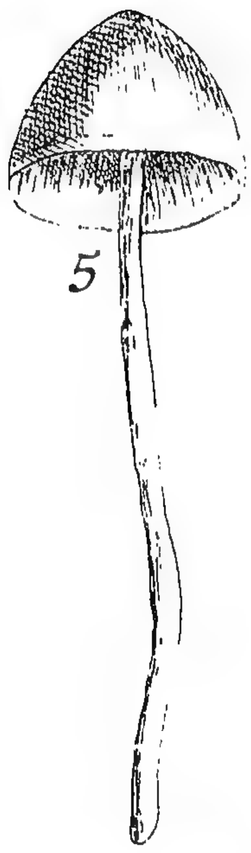
Fig. 1.

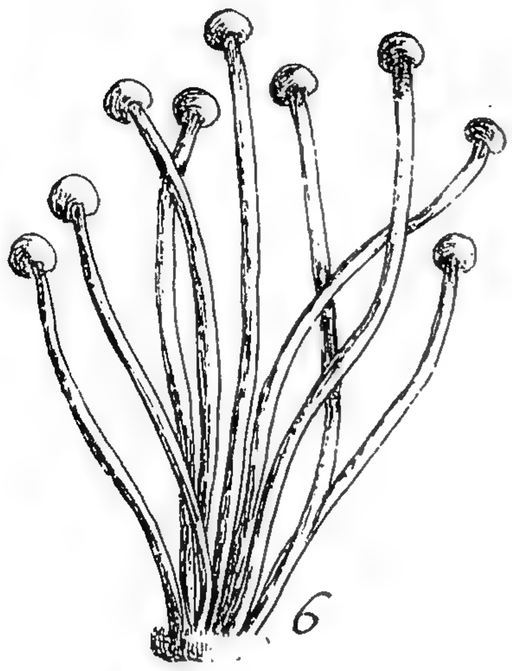


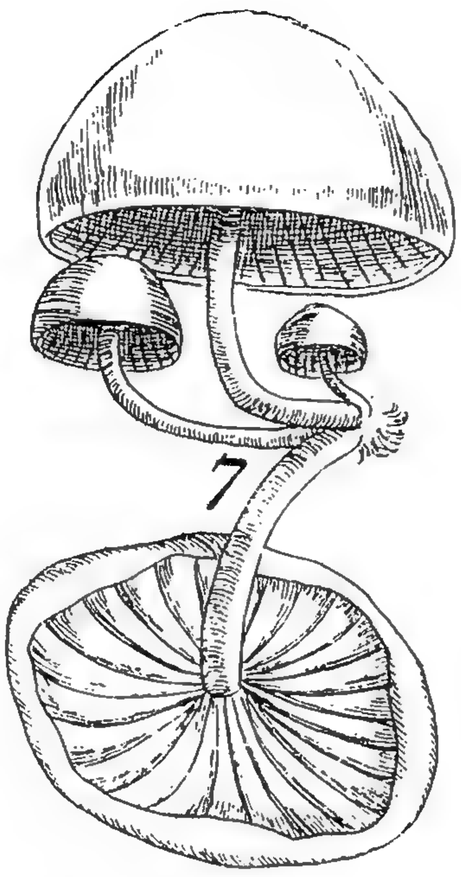


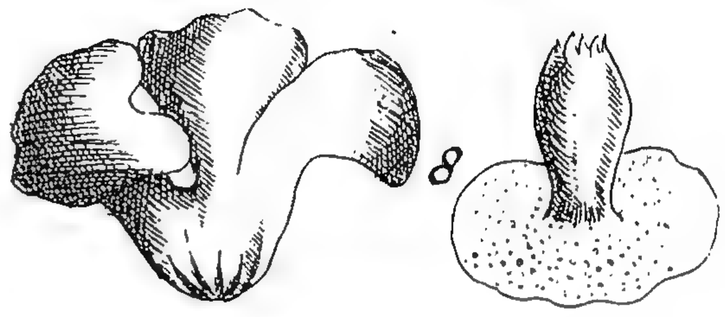


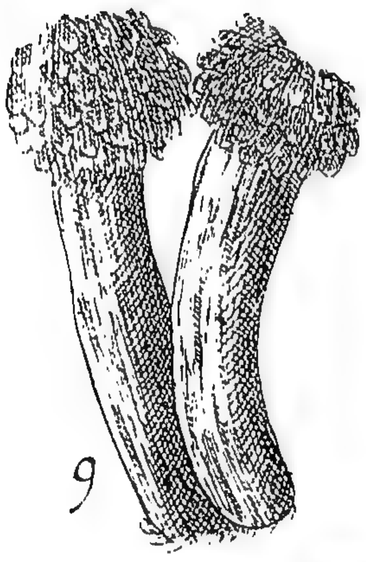


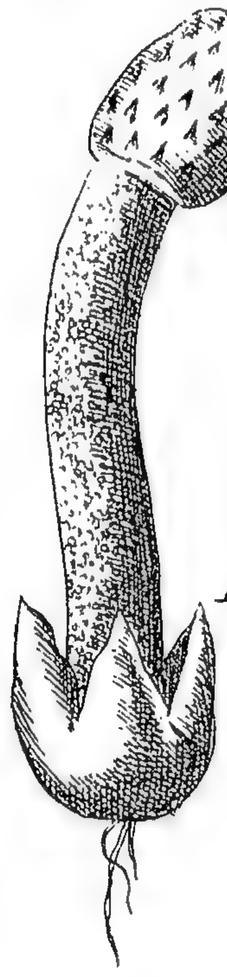


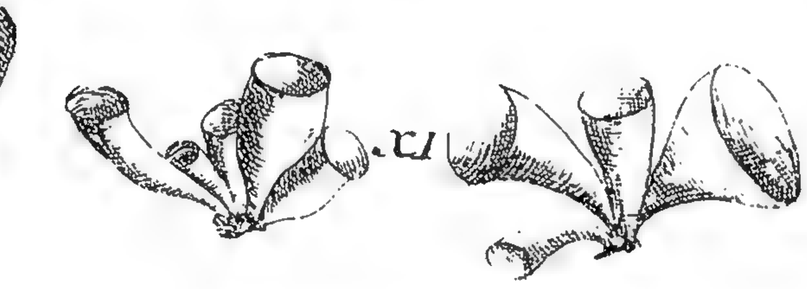


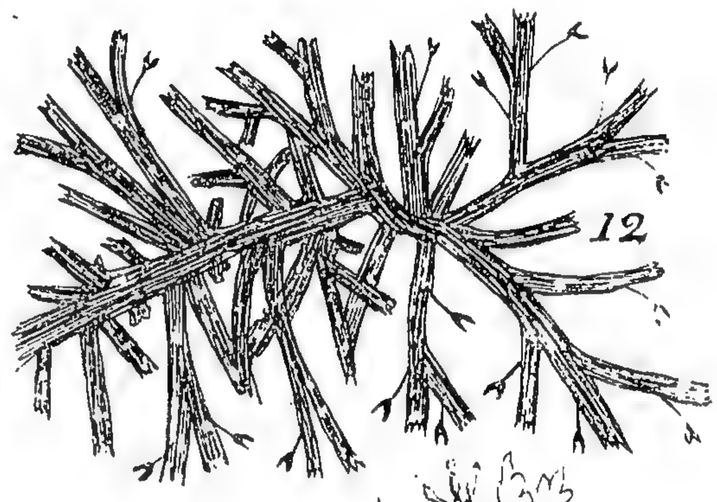


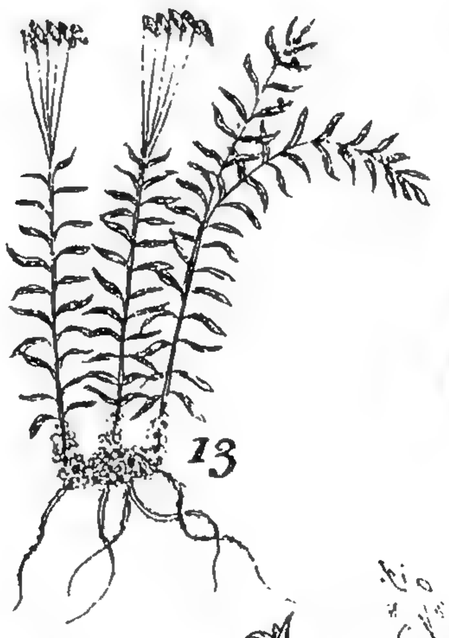




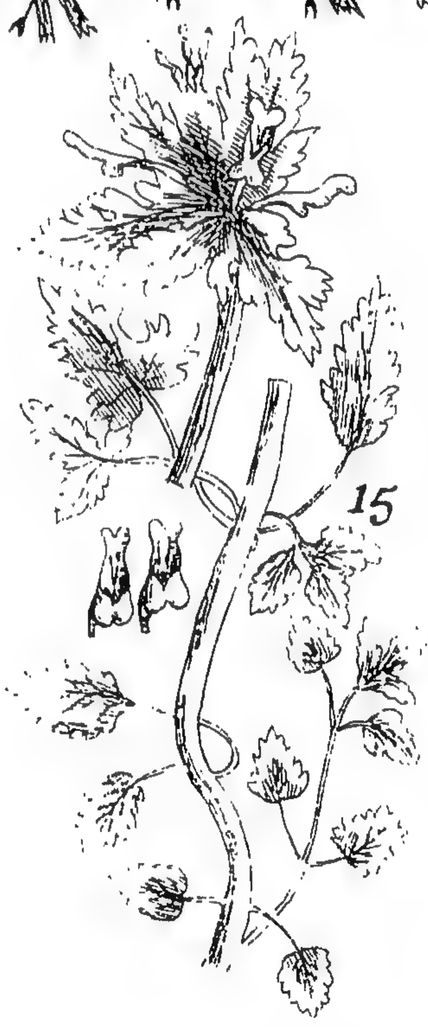












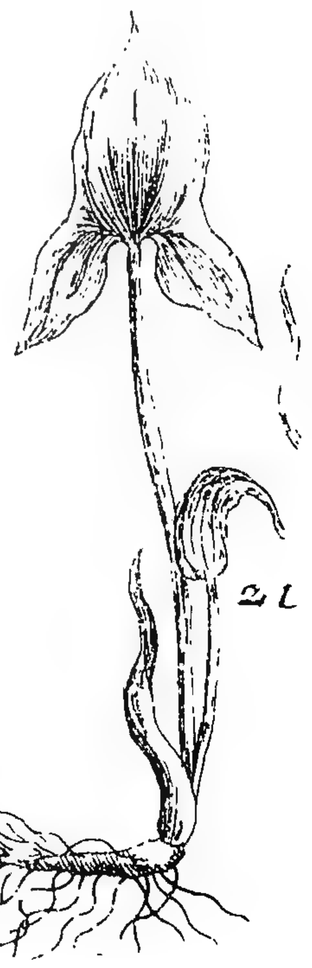












Sutton Nicholls sculp

Animalia ETRURIÆ à Rev. D. BRUNO TOZZI Ab. Val. & S. Reg. S. Picta. TAB. 130.

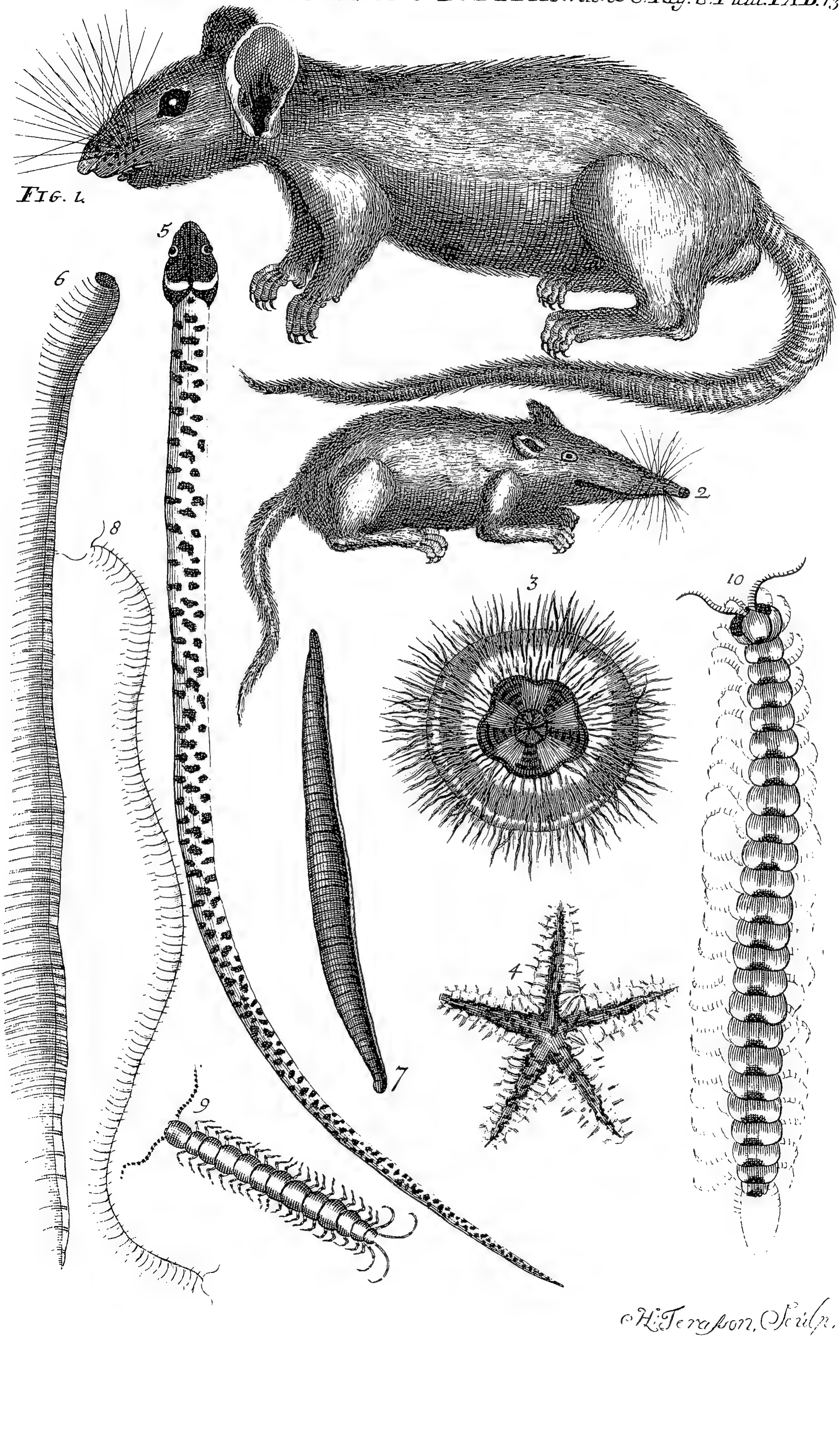
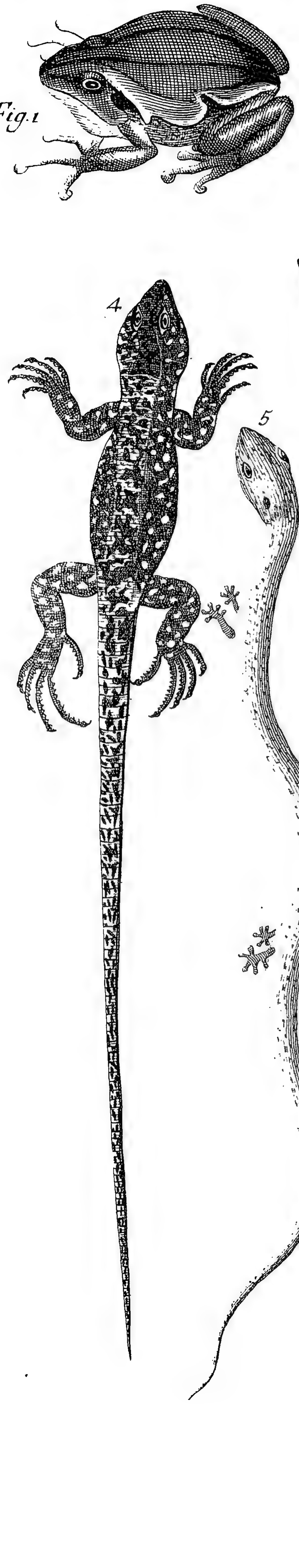
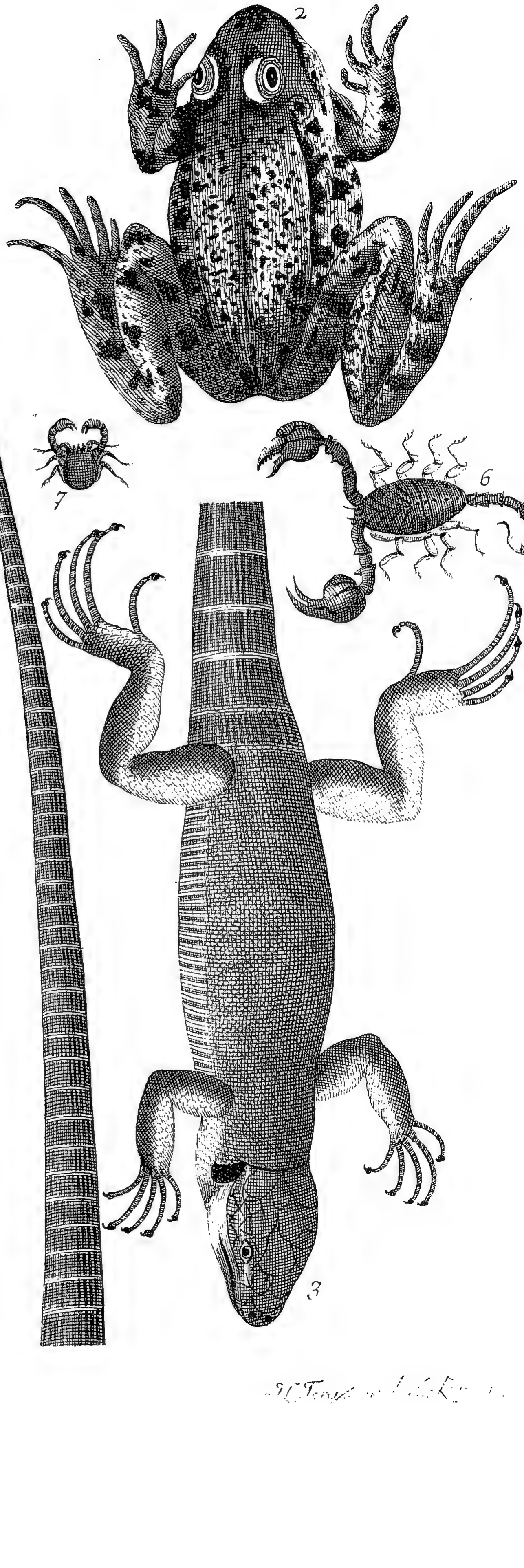


FIG. 1.

C. H. Terreson. Sculp.

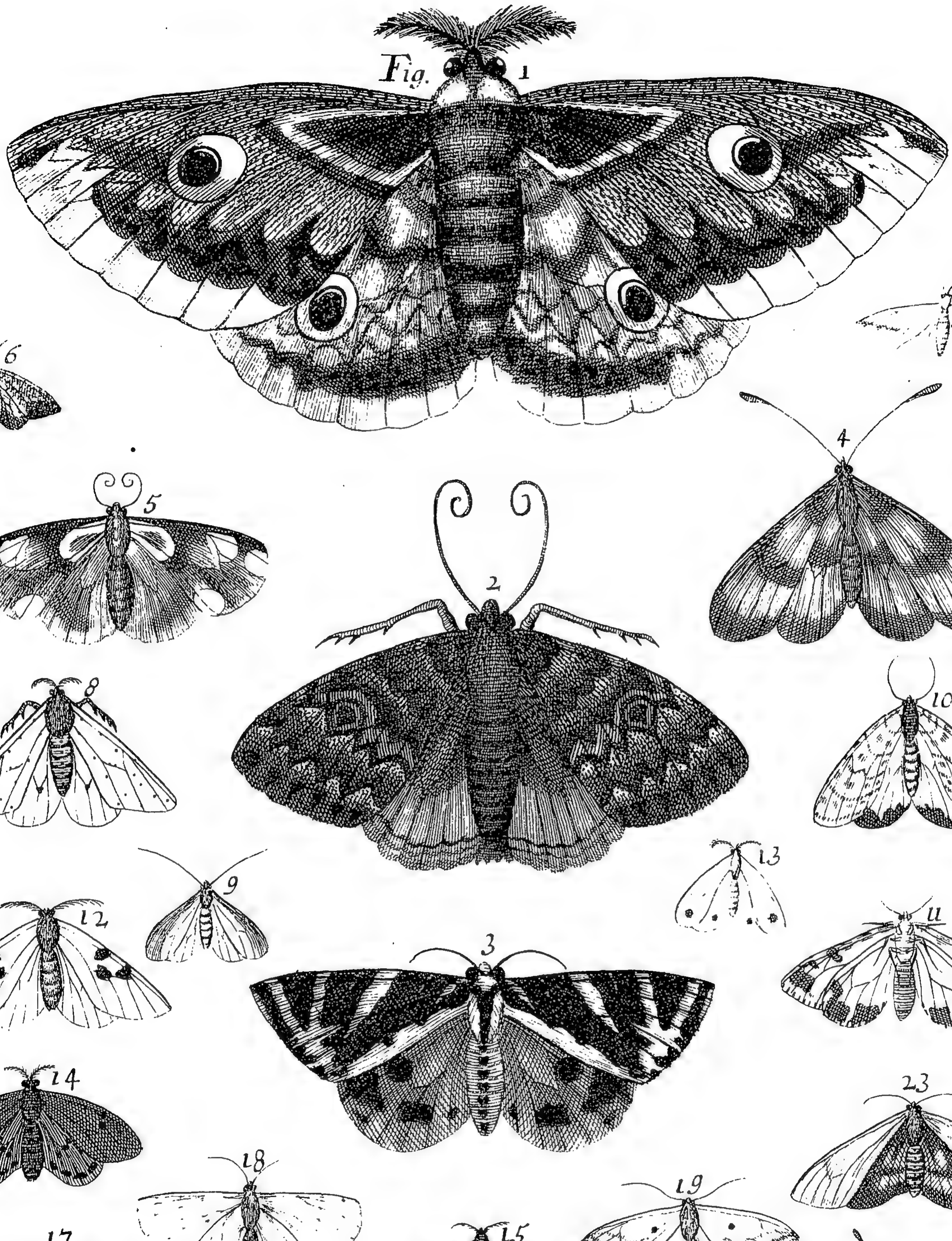
Fig.1





Phalenæ ETRURIÆ à Rev. Br. Tozzi Ab. Val. & S. Reg. S. Pictæ. TUSCAN Moths
Tab. 132.

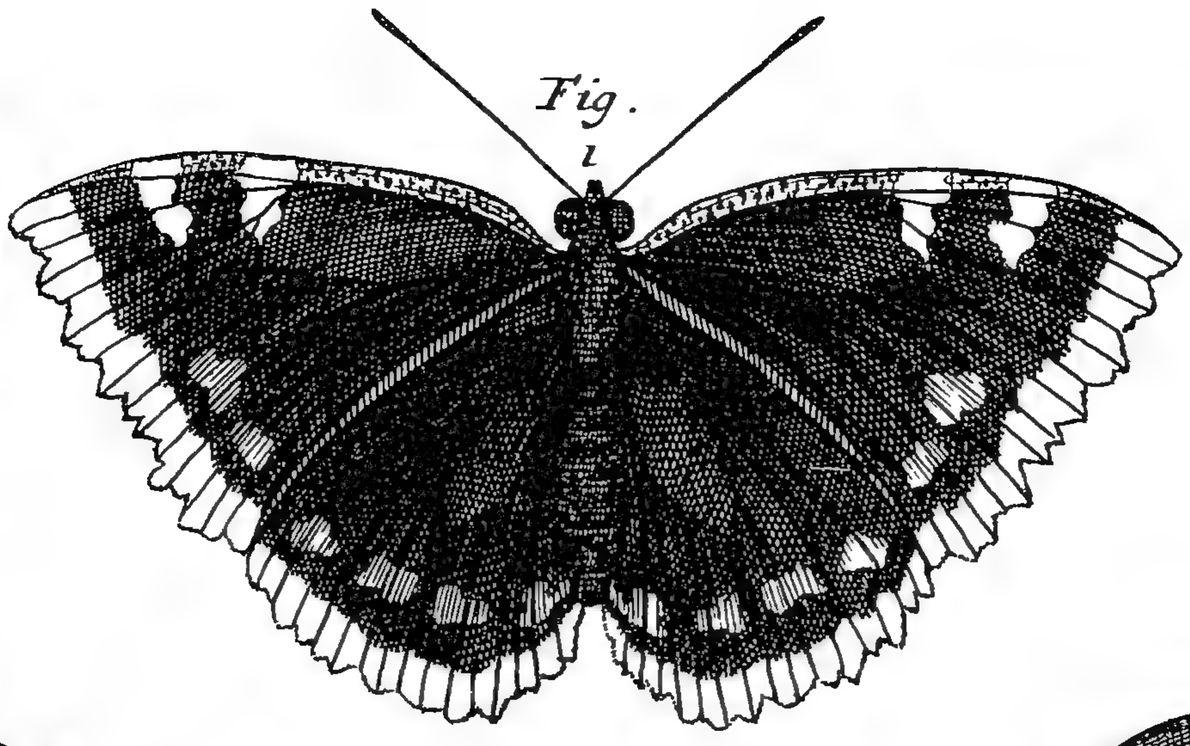
Fig. 1

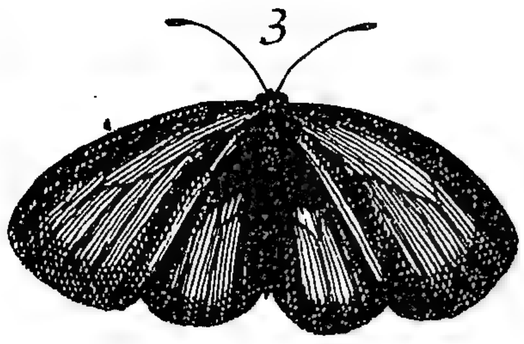


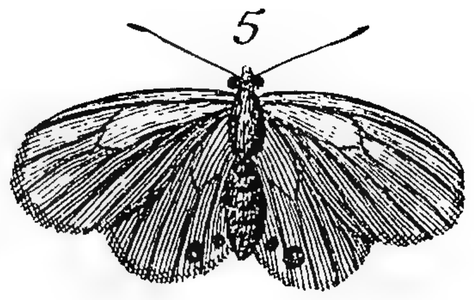
H. Fenstrom, Sculp. London.

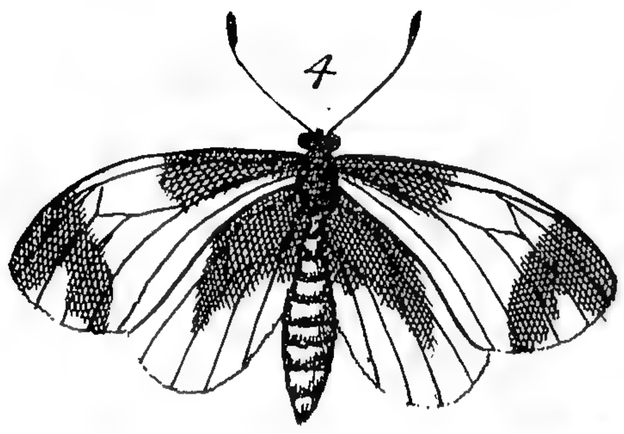
Papiliones ETRURIÆ, *a D.* BRUNO TOZZI *Abbas Valumbros & S.R.S. Pictæ. Tab.* 133.

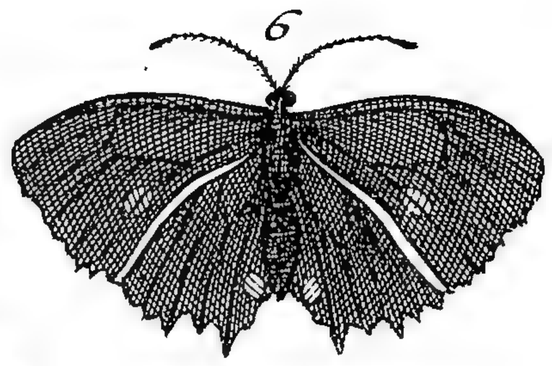
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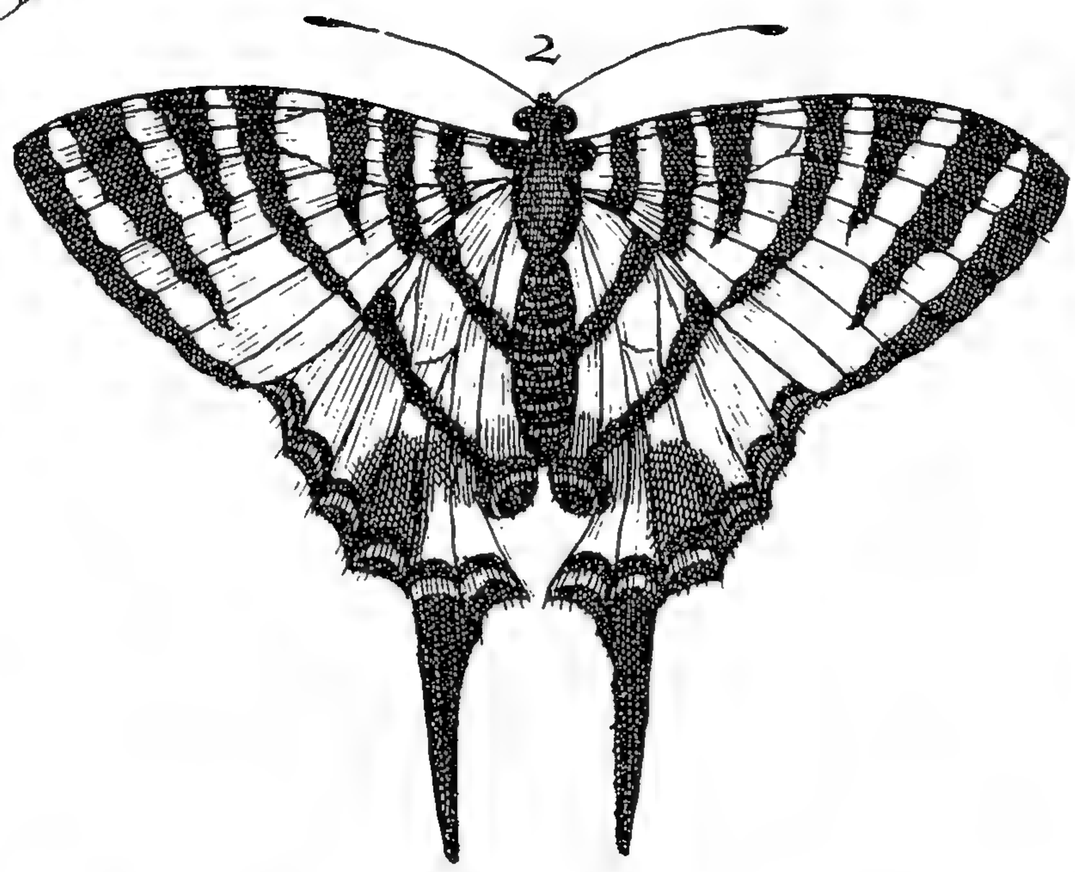


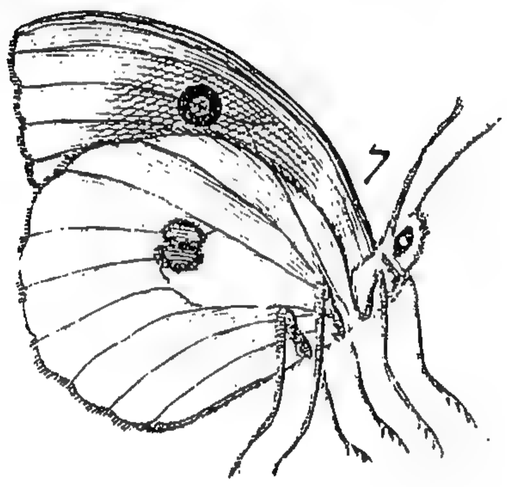


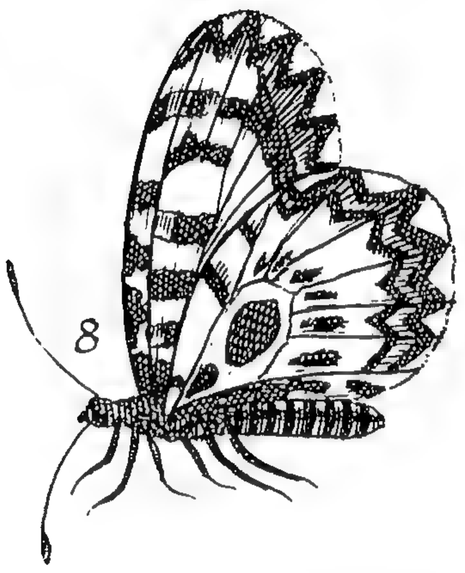


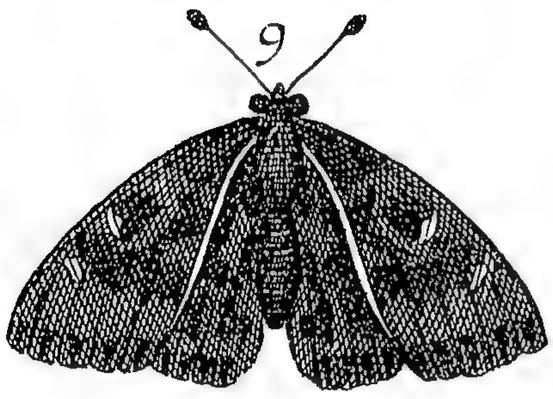


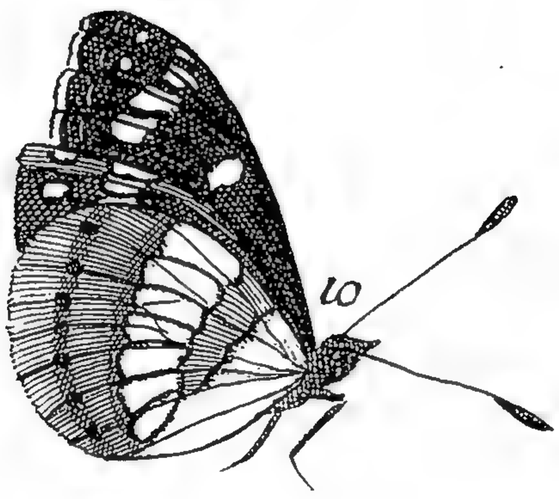


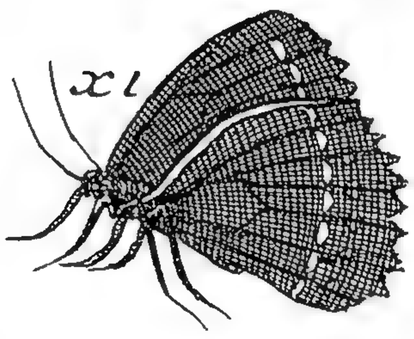


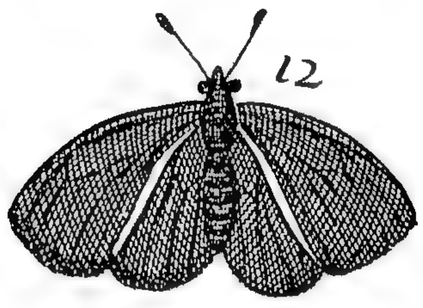


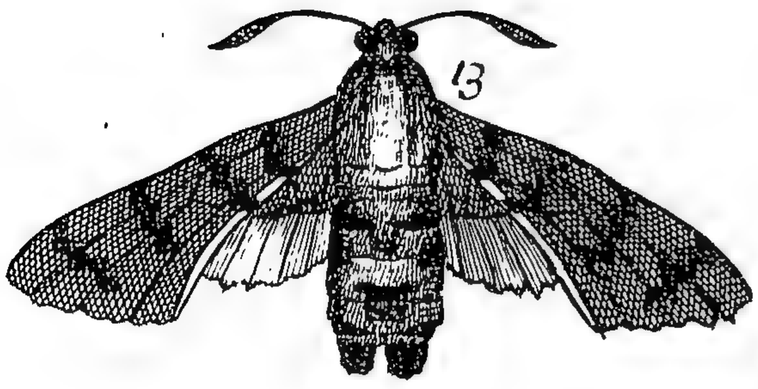


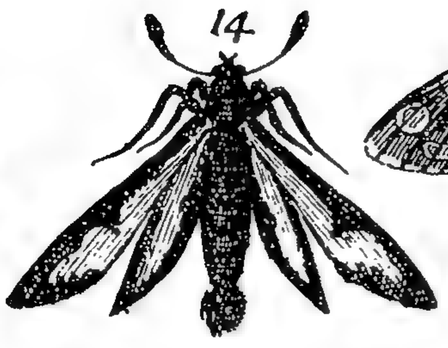


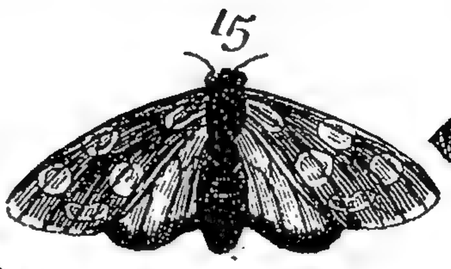


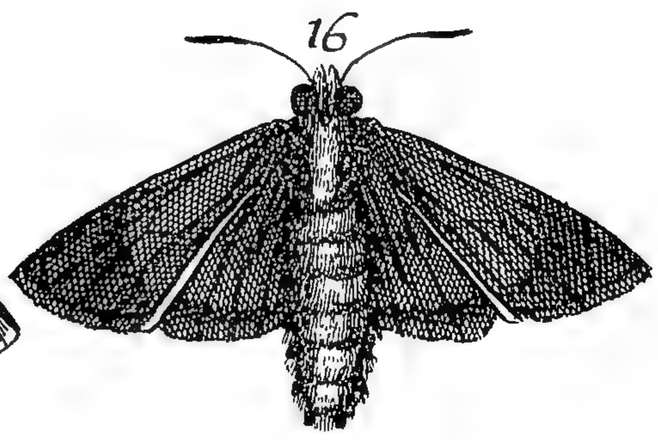


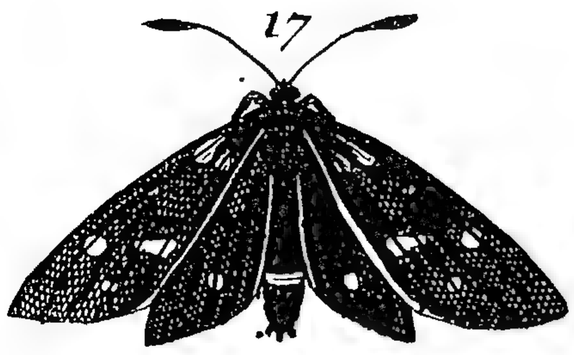




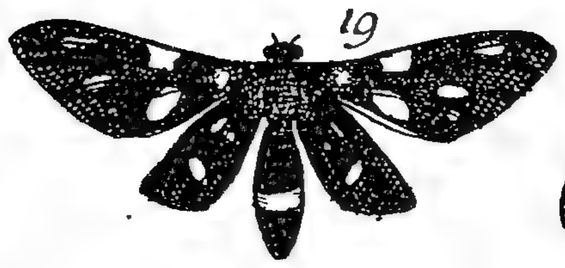


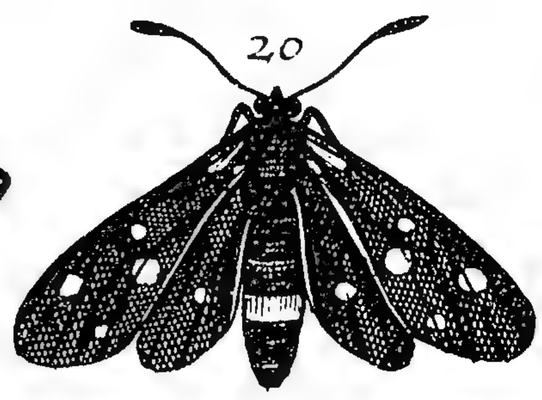






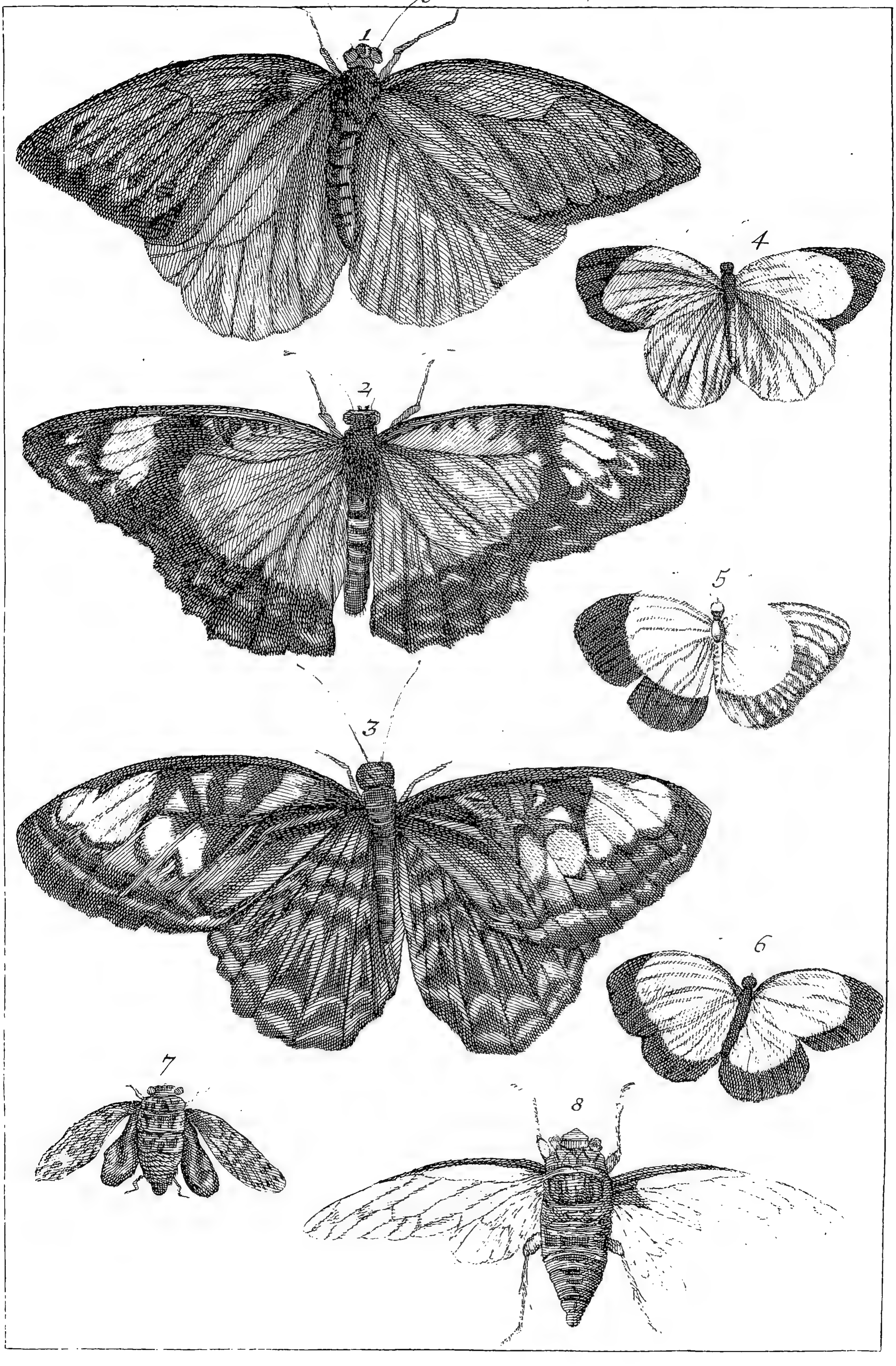






H. Fenton, Sculp. London.

Insectæ AMBOINÆ Museo Clariss. D.D. Lev. VINCENT Harlem.



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Fig. 1

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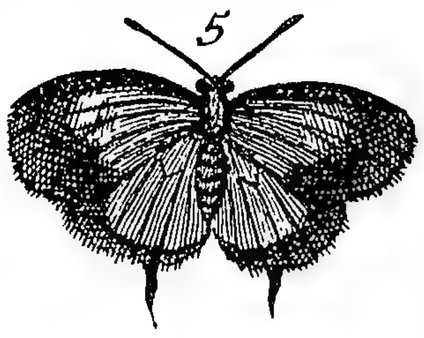
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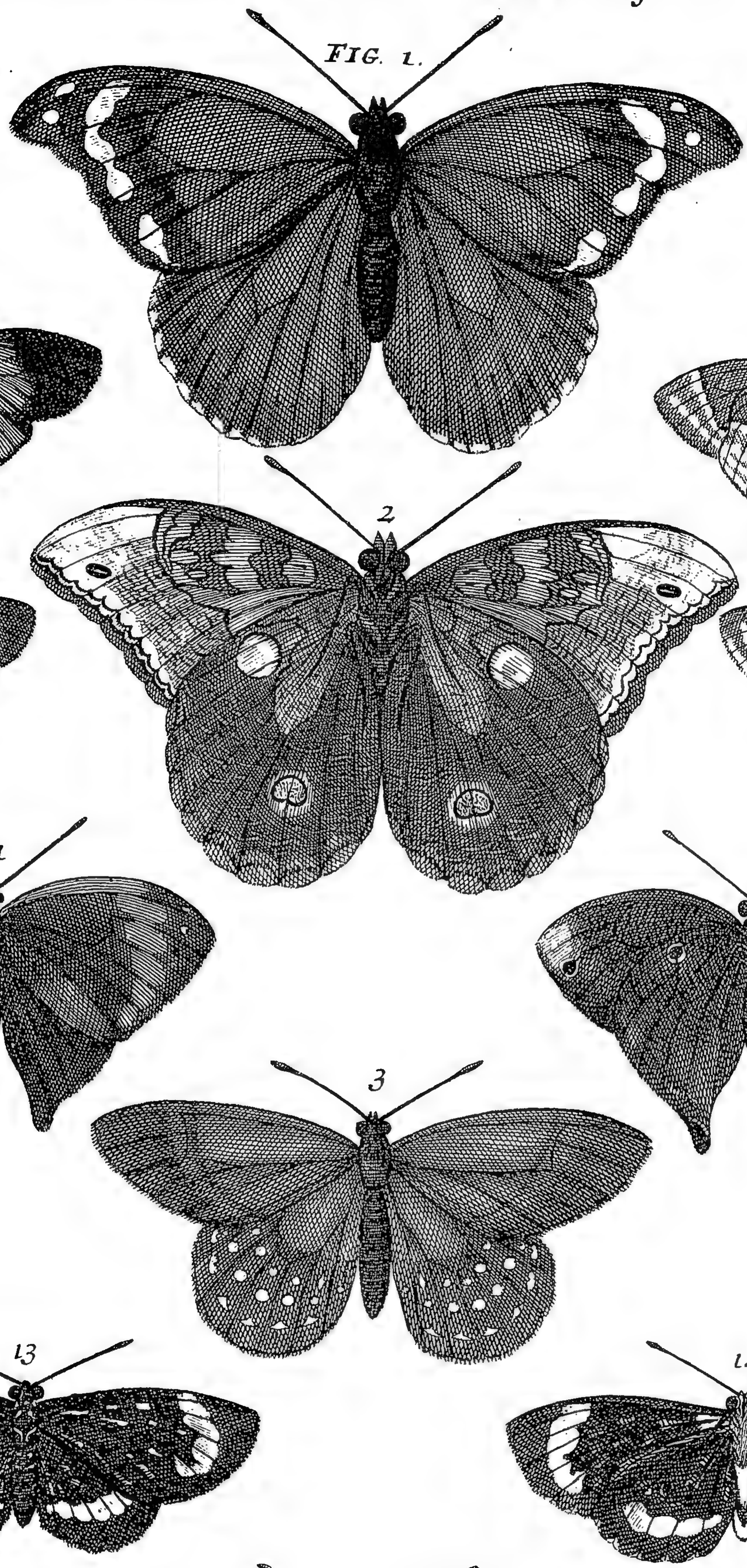
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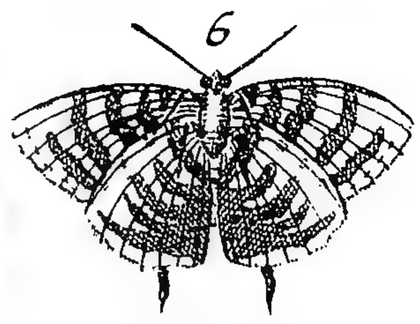
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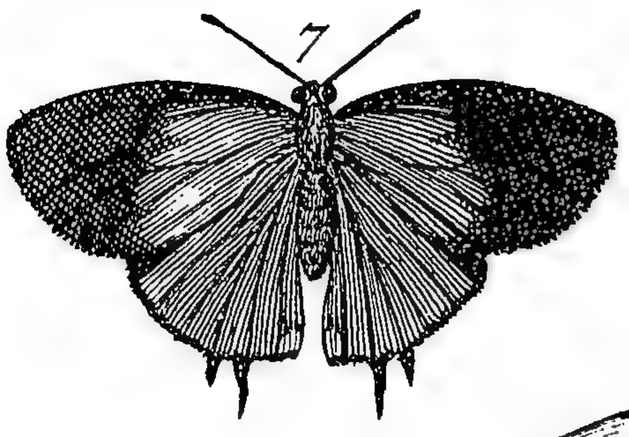
Papiliones AMERICANÆ, *e Musæo D. Albert.* SEBA *Amstelod.* TAB. 136.

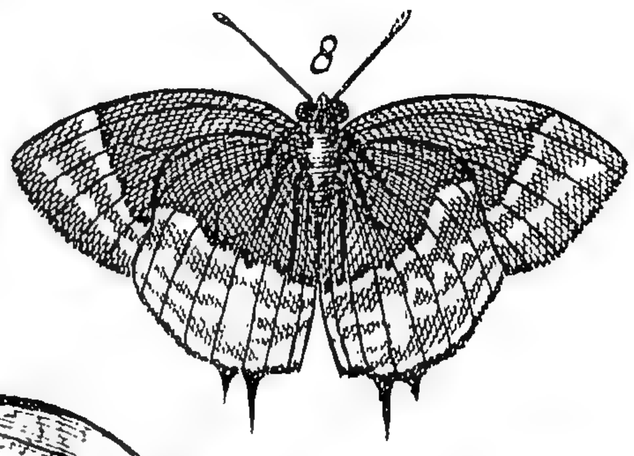
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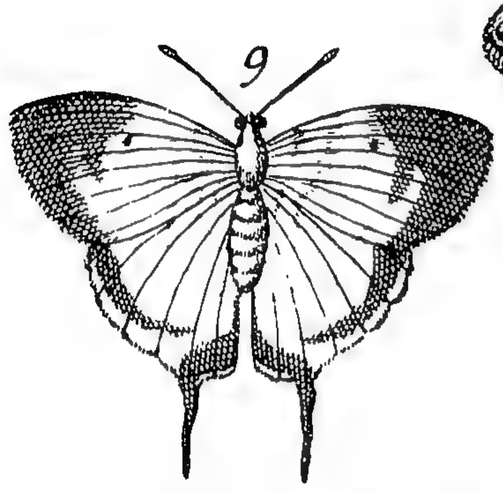

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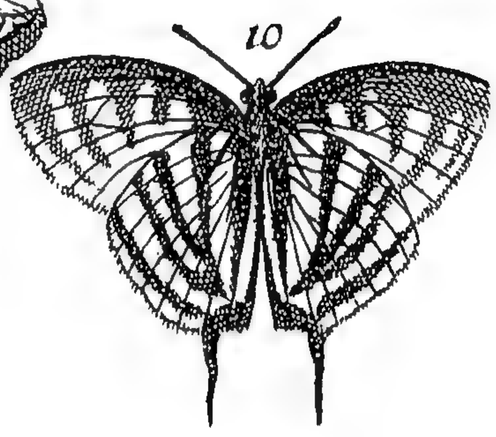


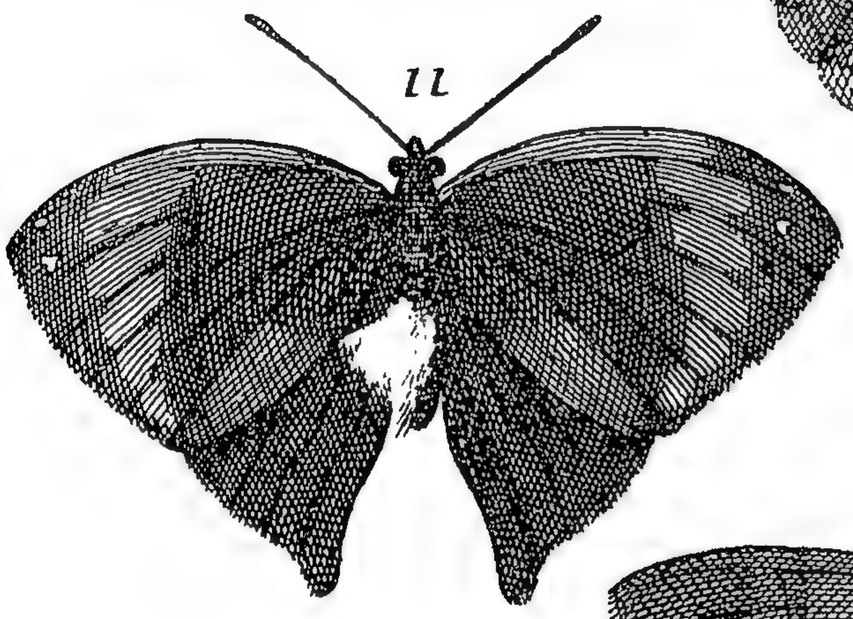

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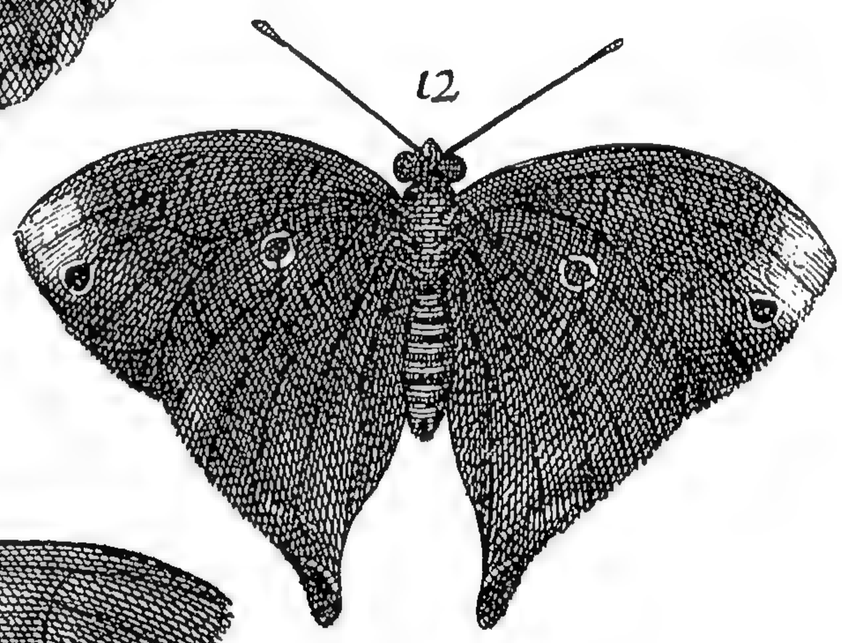

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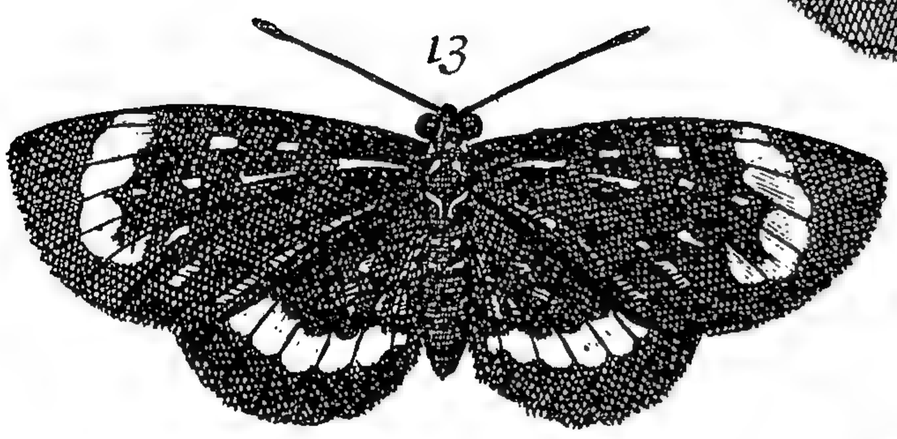

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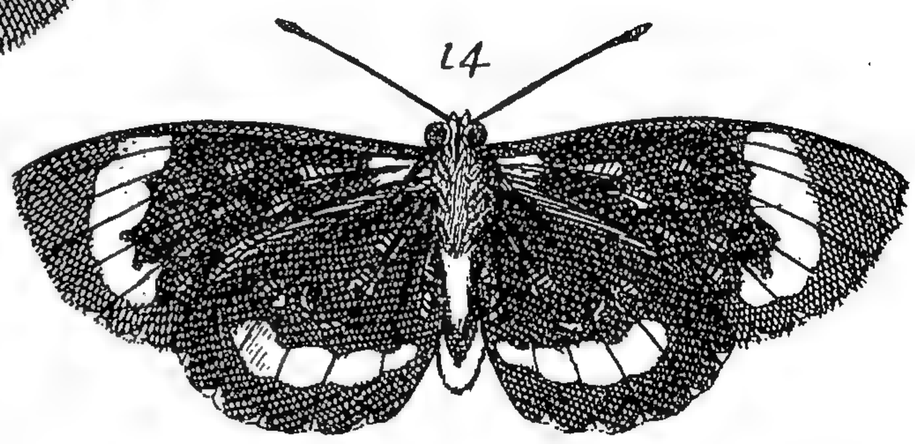

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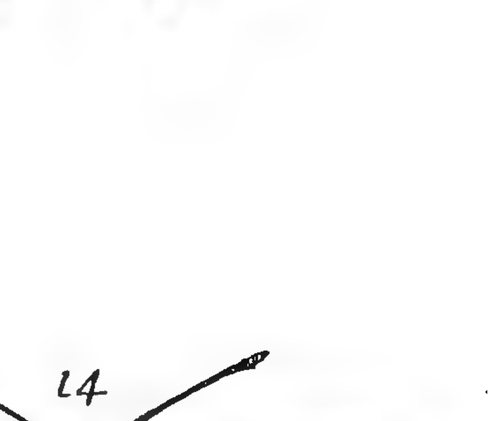
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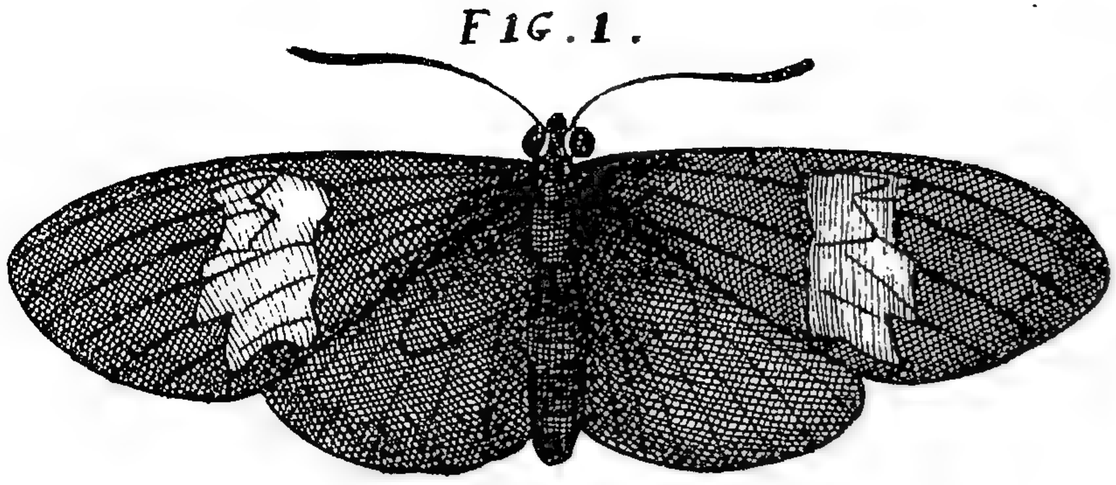

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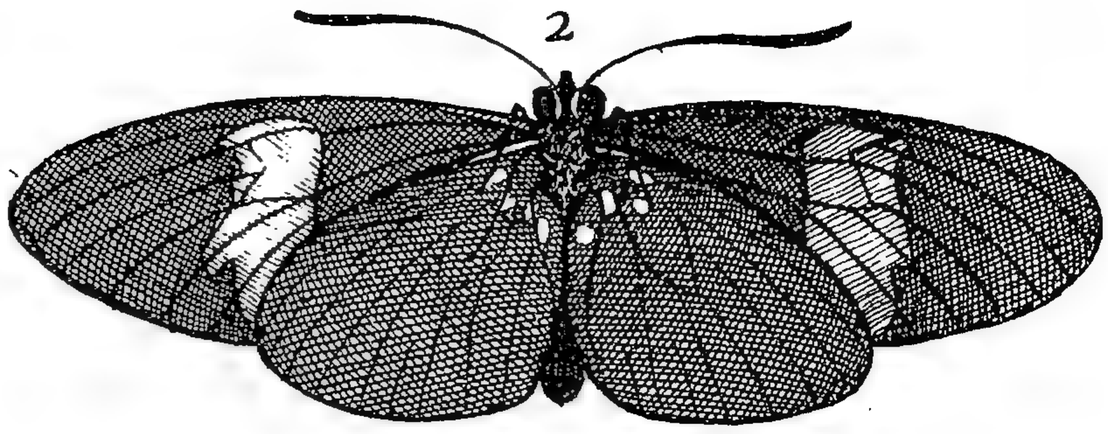
Hieronymus Wolfgang Lotter

PAPILIONES *AMERICANÆ, e Museo D. Albert. SEBA Amstelod. TAB. 137.*

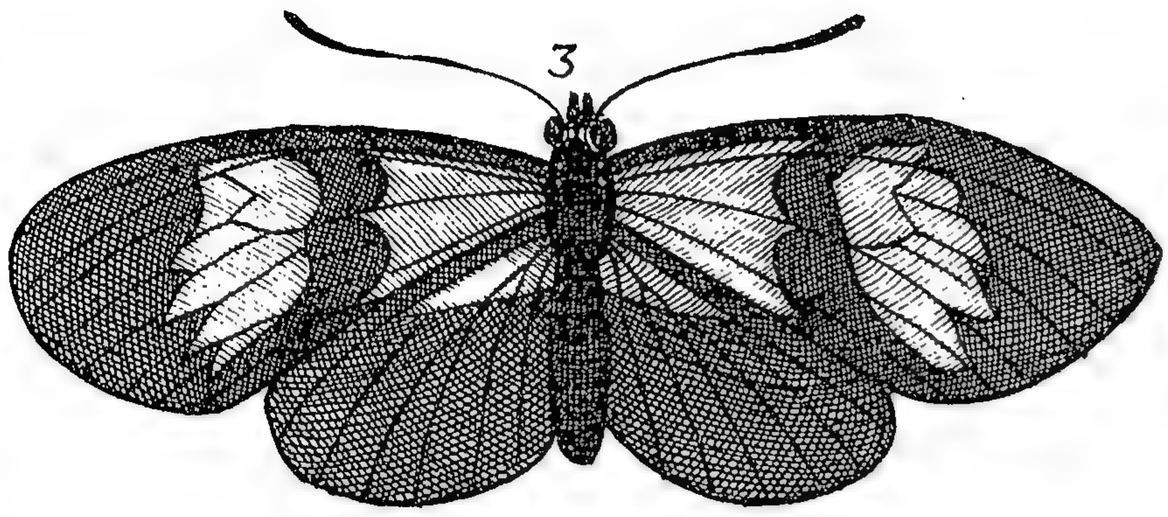
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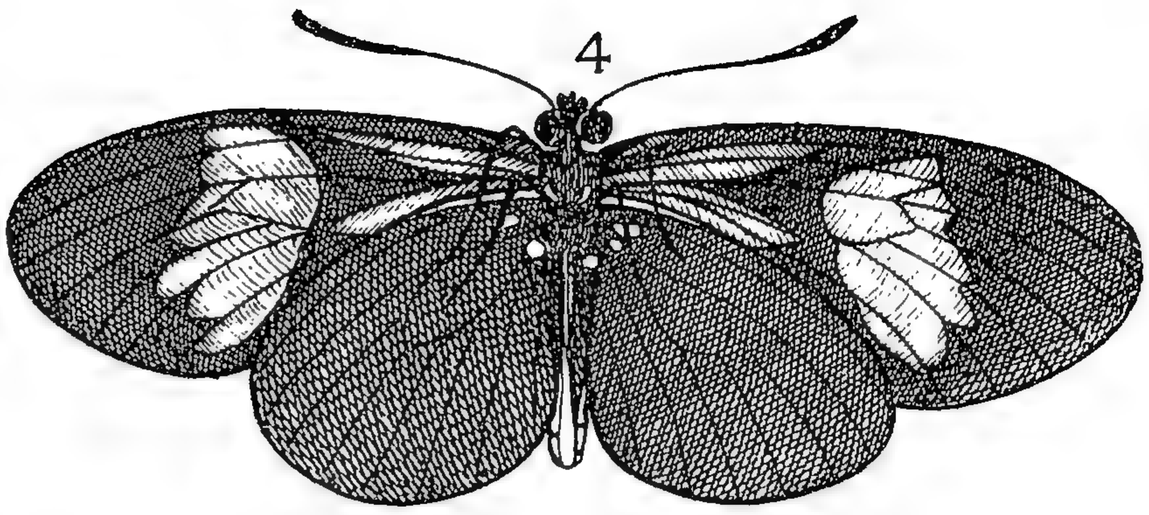
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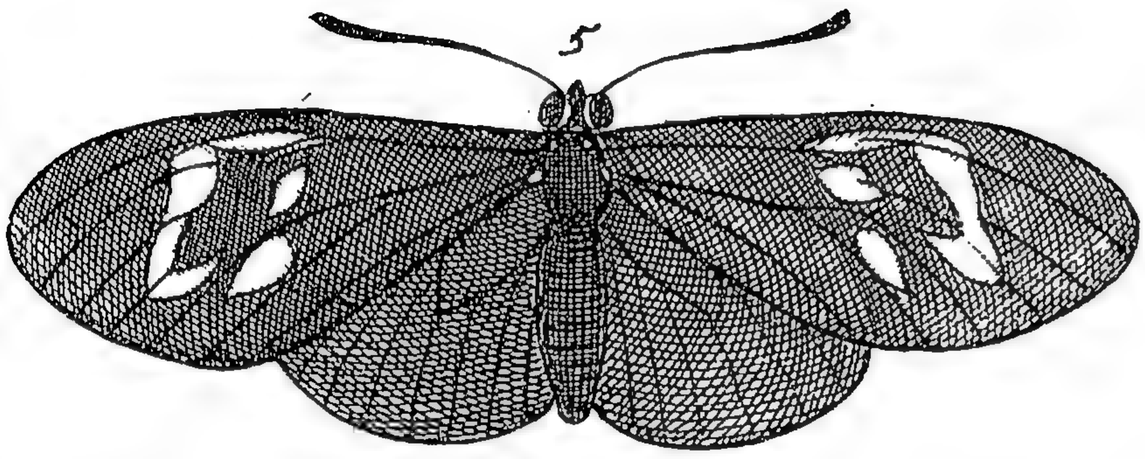
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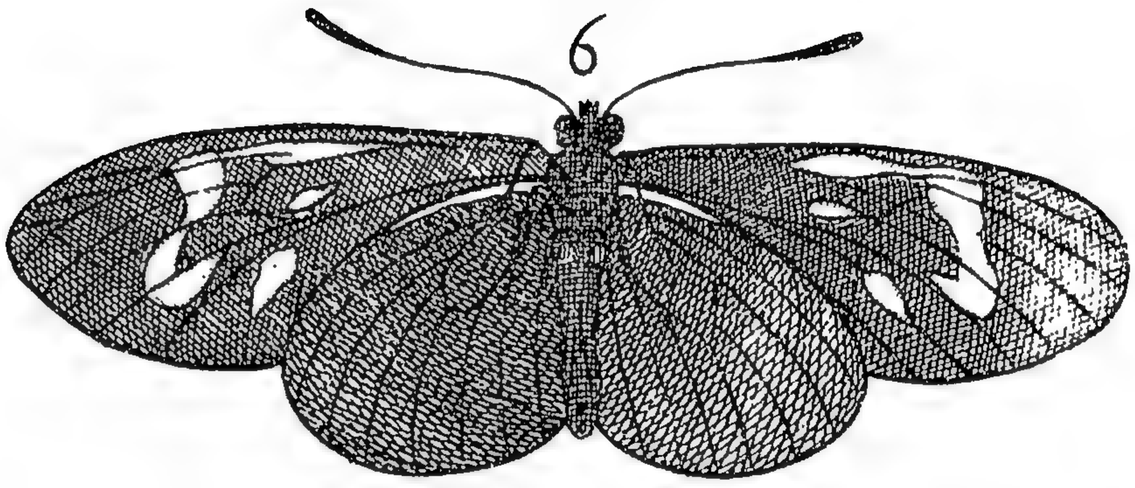
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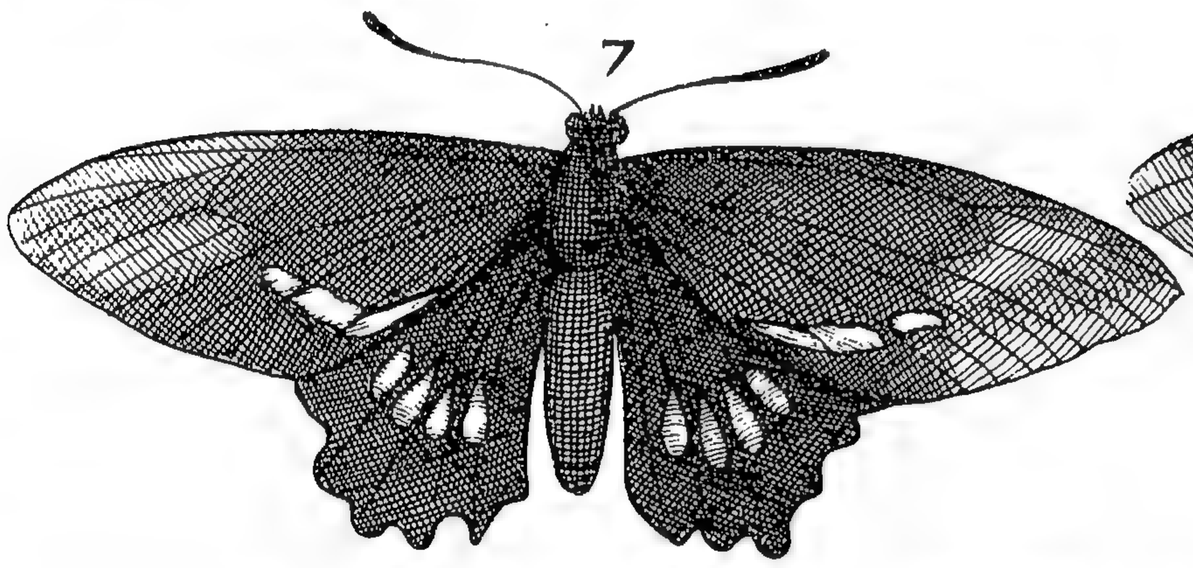
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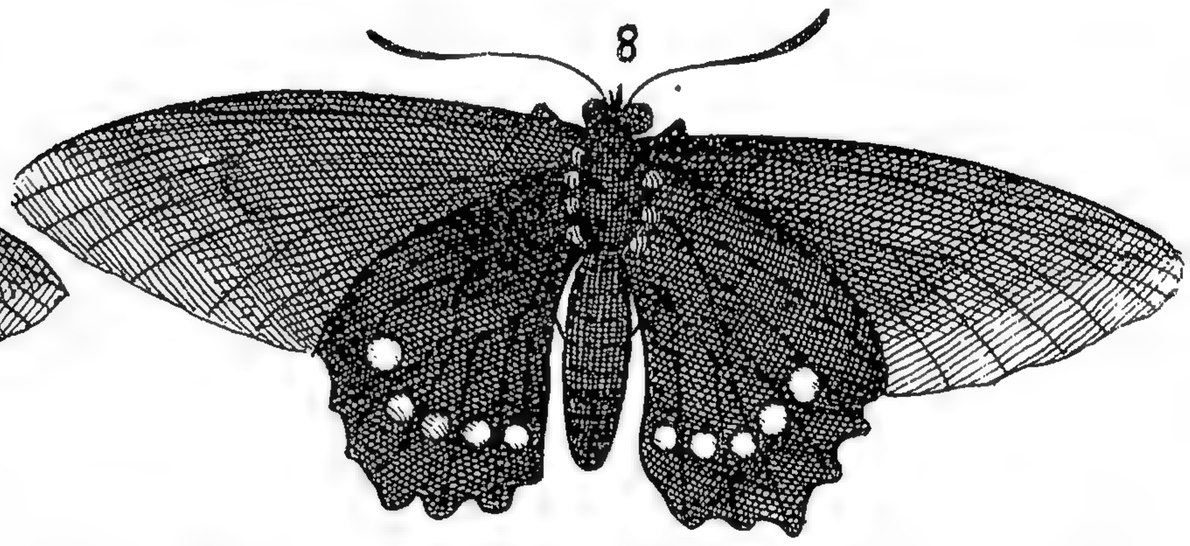
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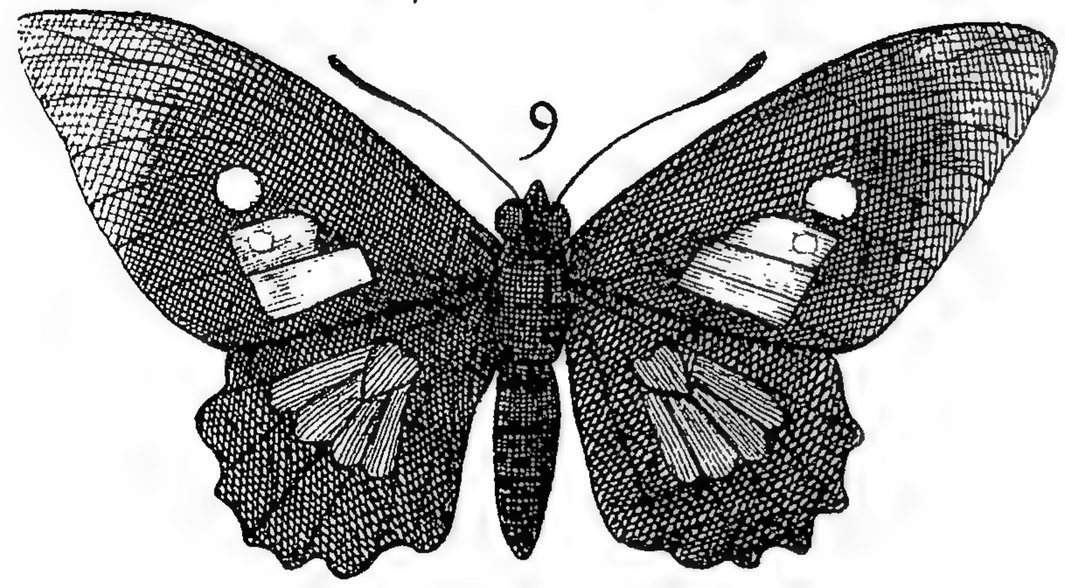
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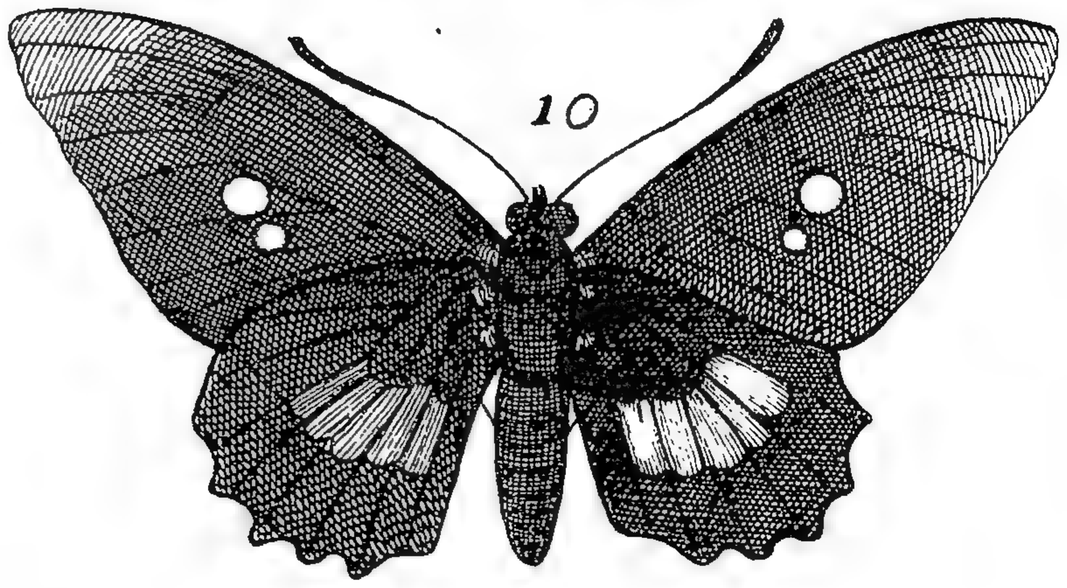
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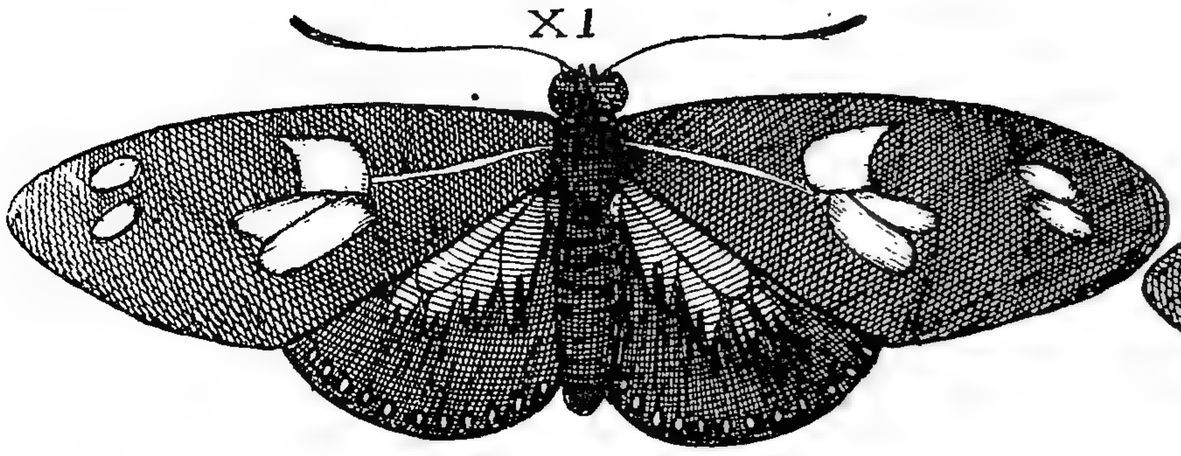
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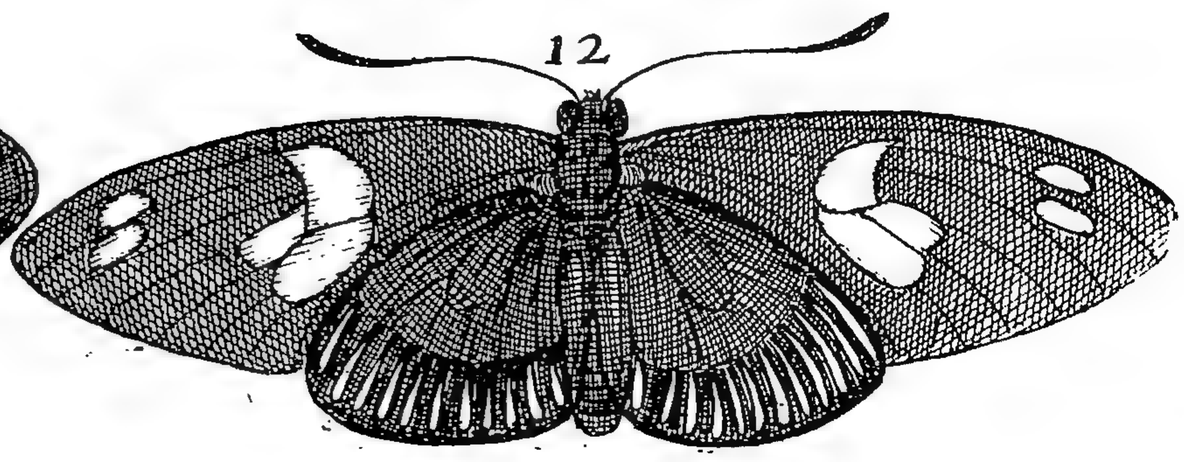
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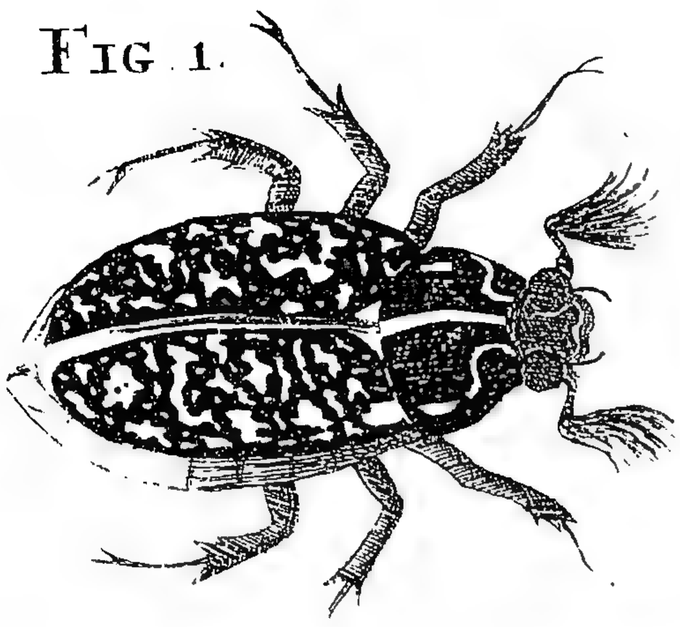
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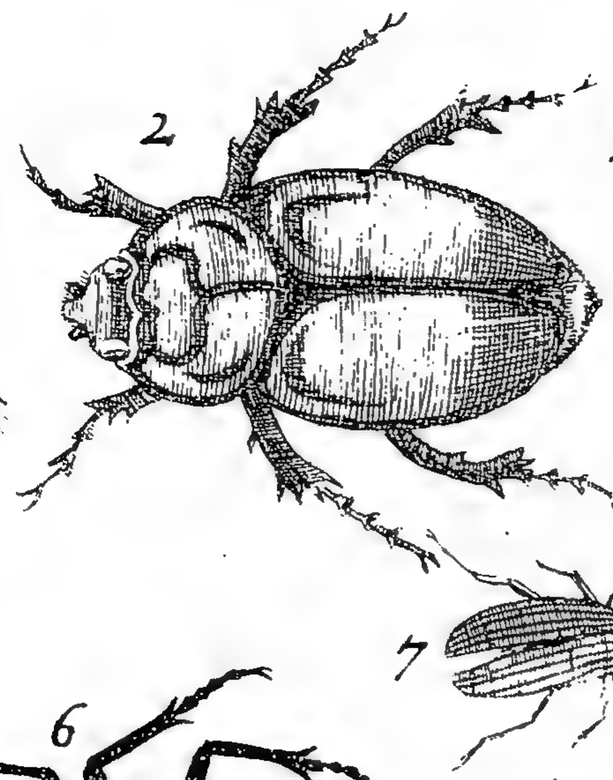


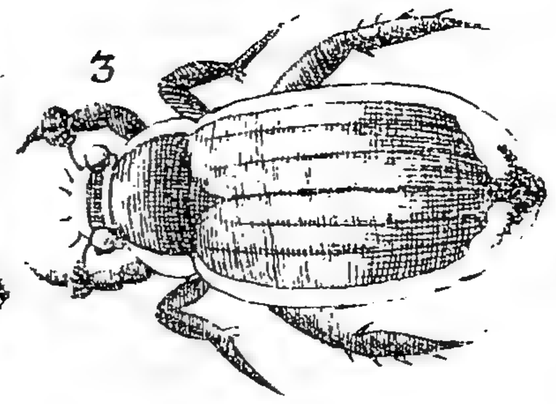
Insecta BELGICÆ e Museo D *ten* KATI. AMSTELODAM

Tab. 135

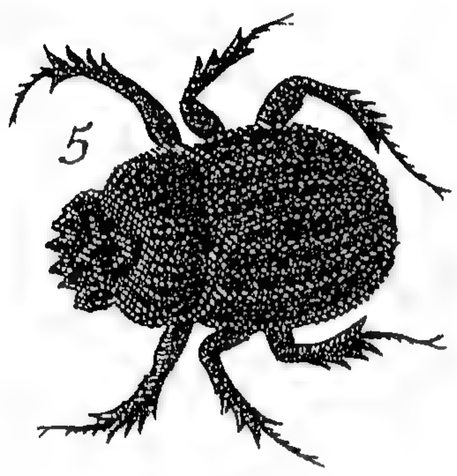
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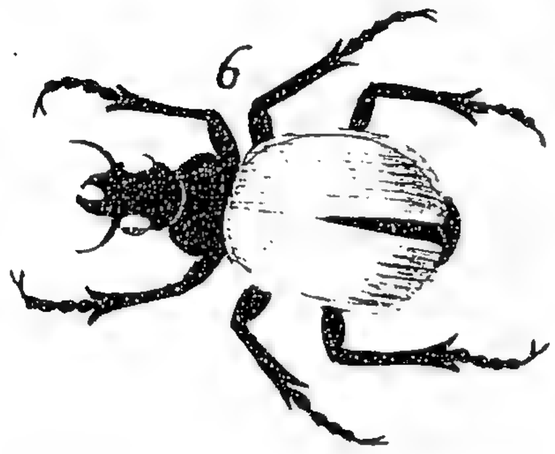




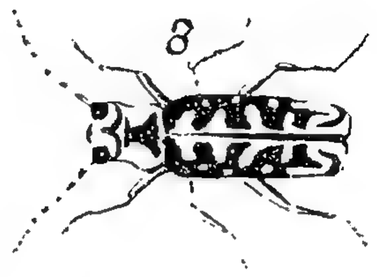


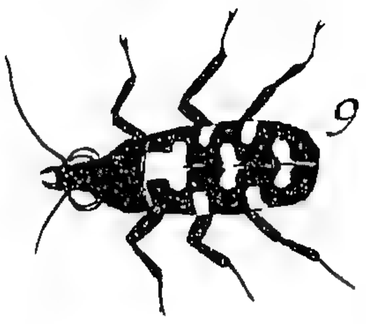


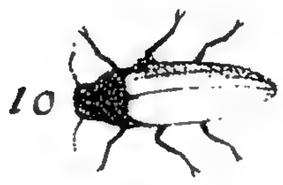


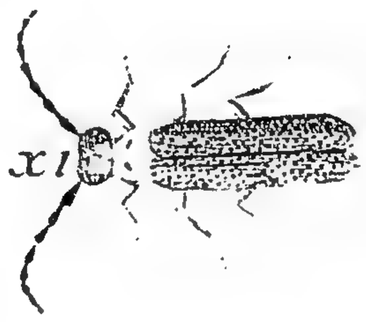


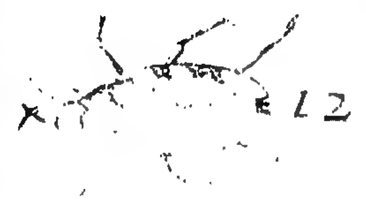




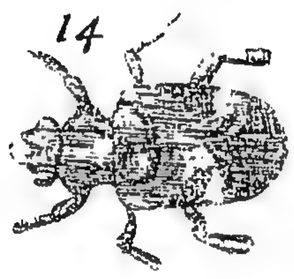






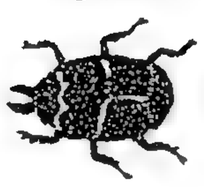






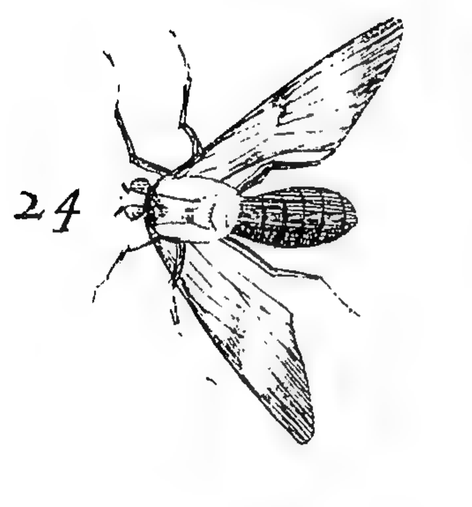




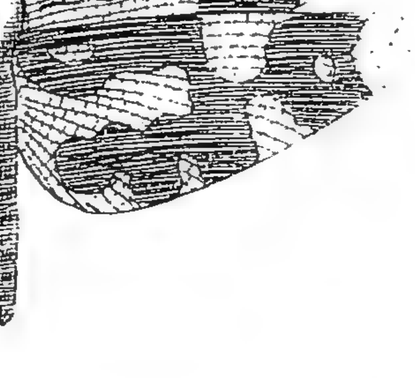






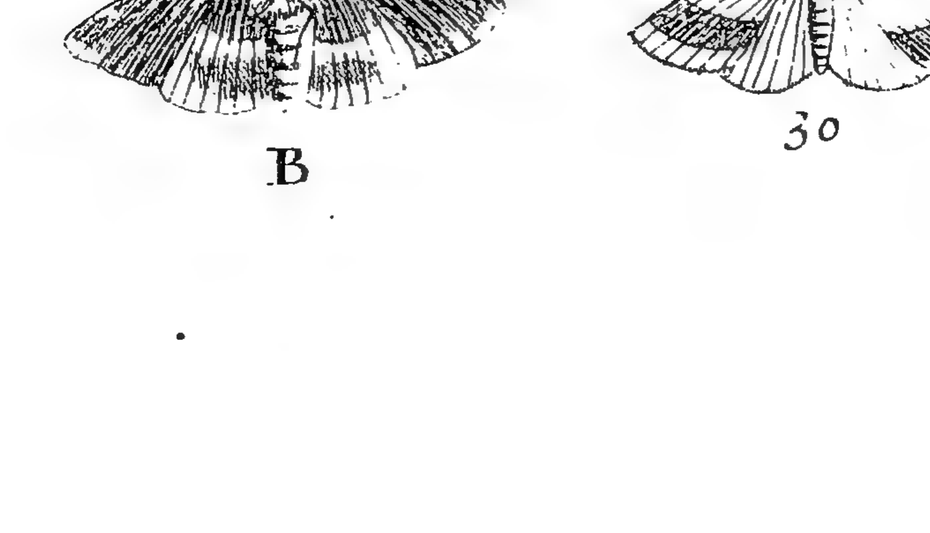


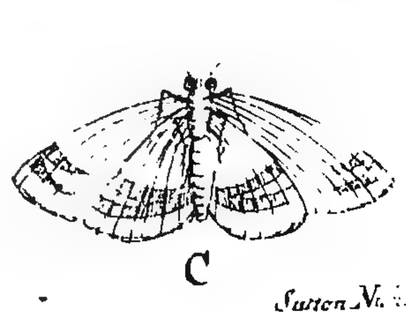












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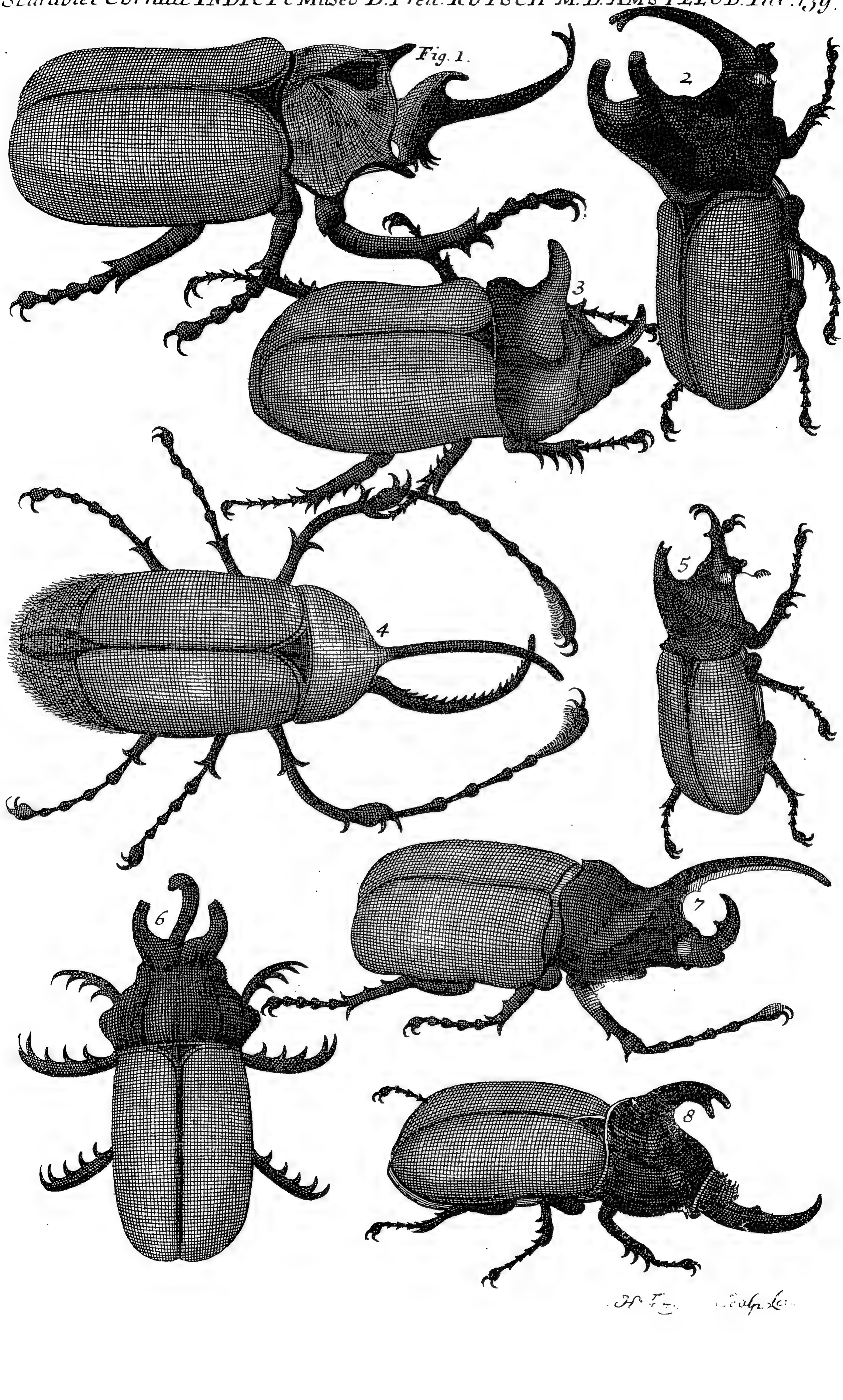
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Tab. 140.

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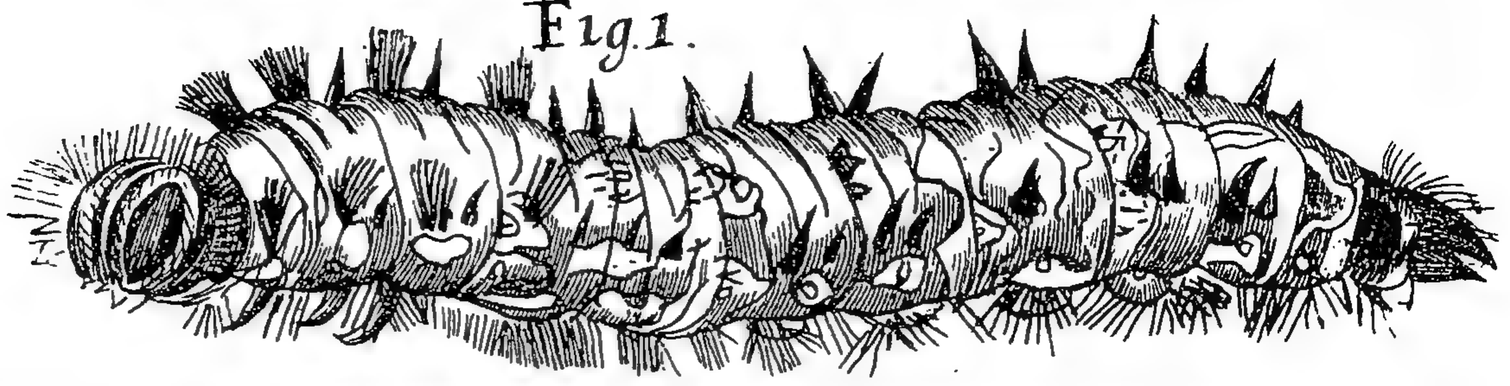
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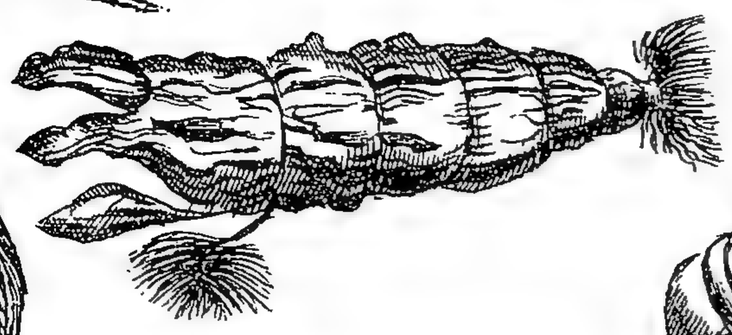
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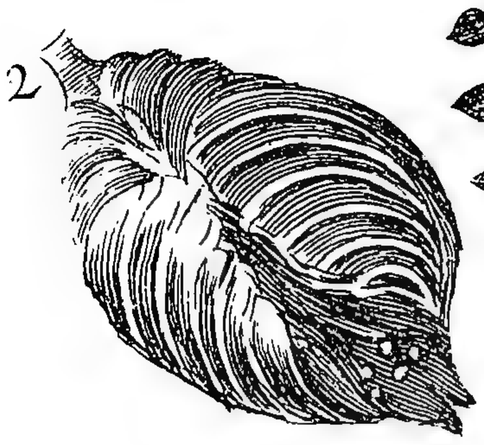
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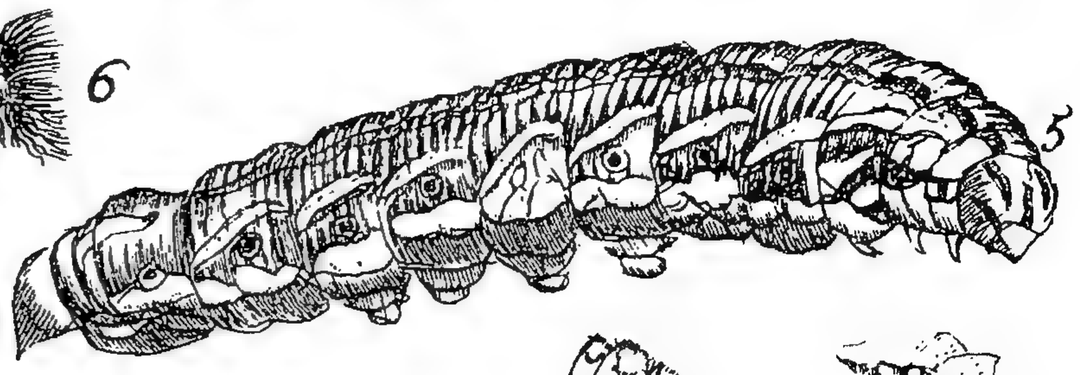
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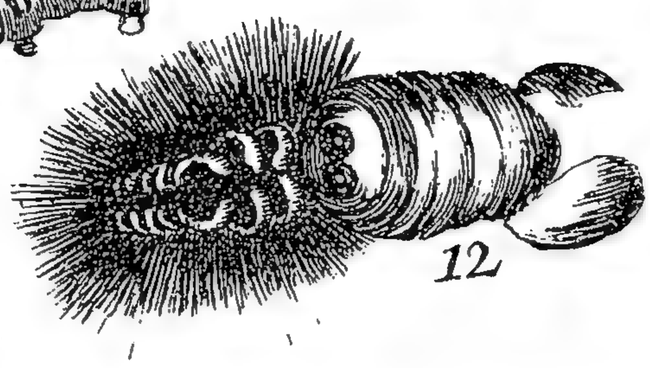




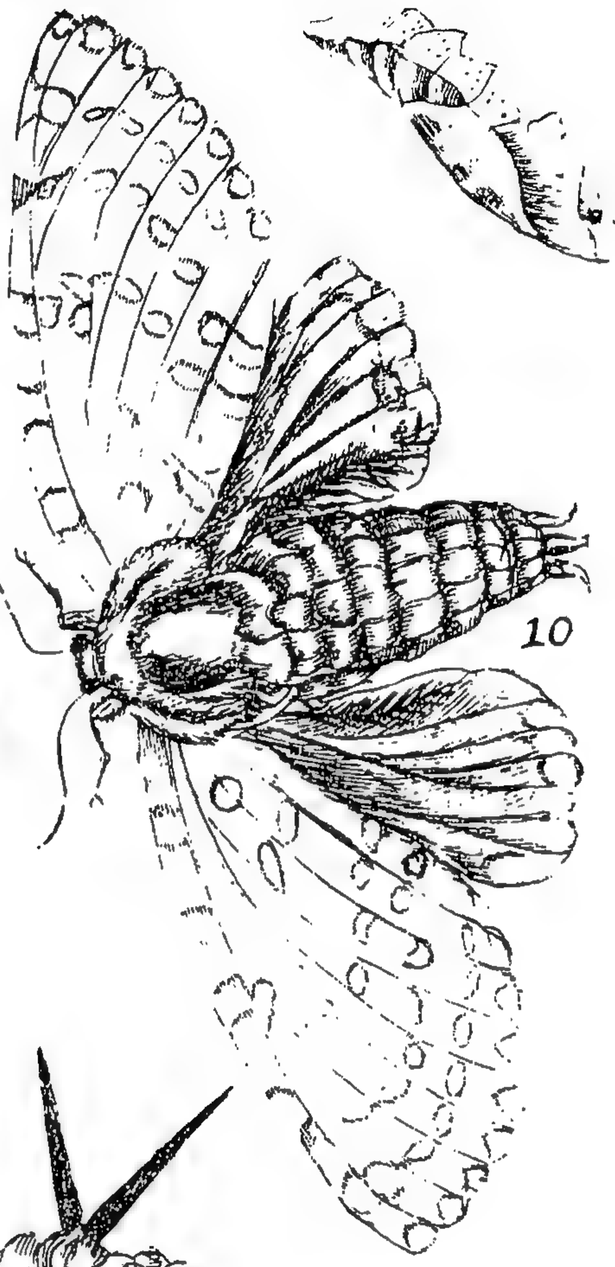


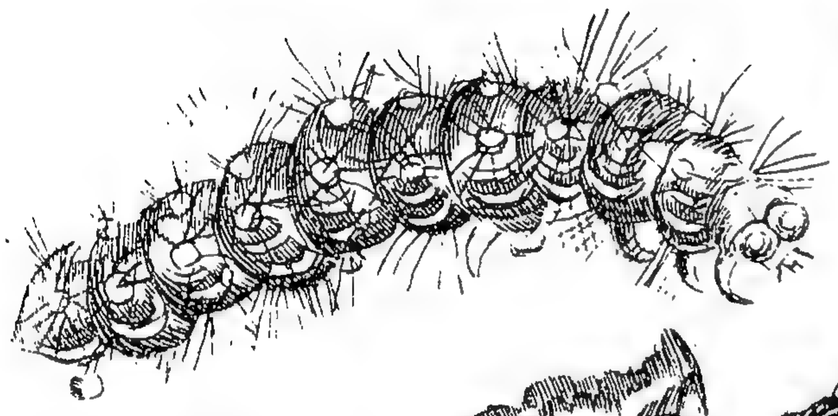


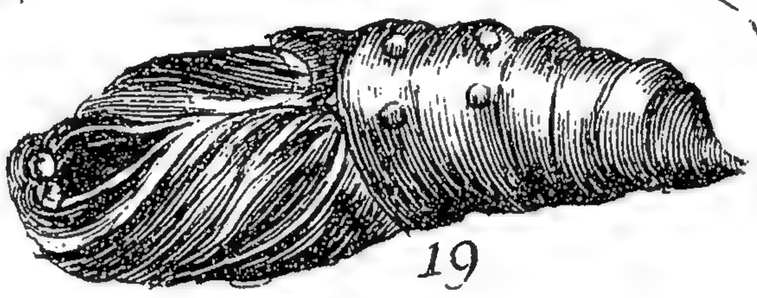




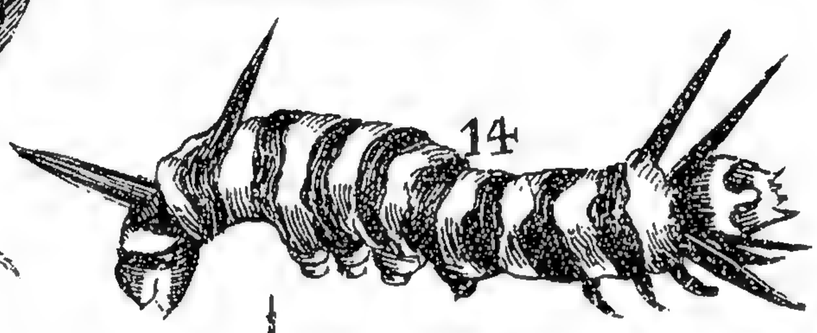






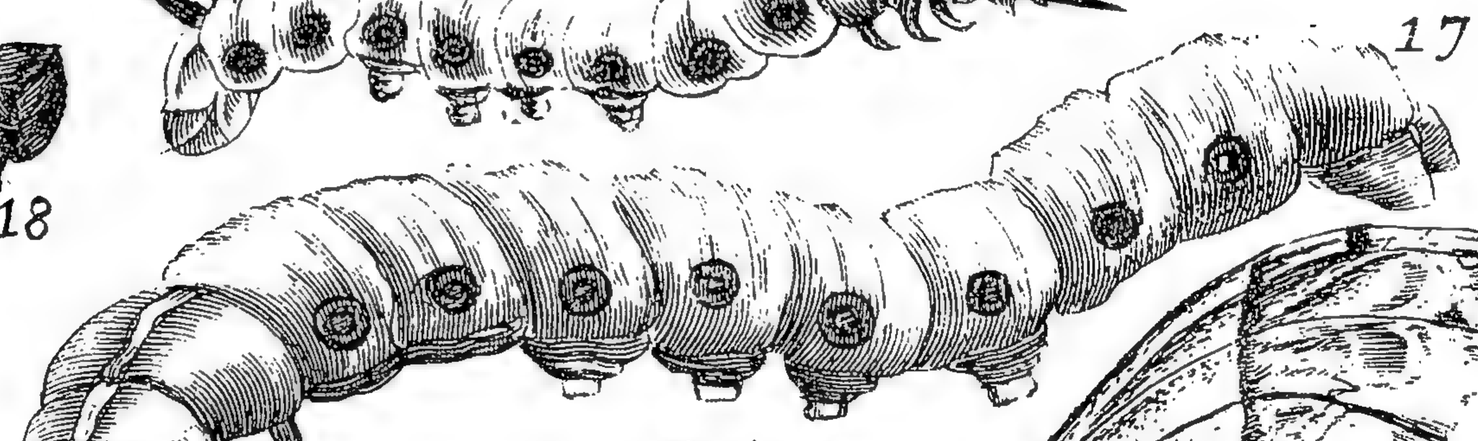




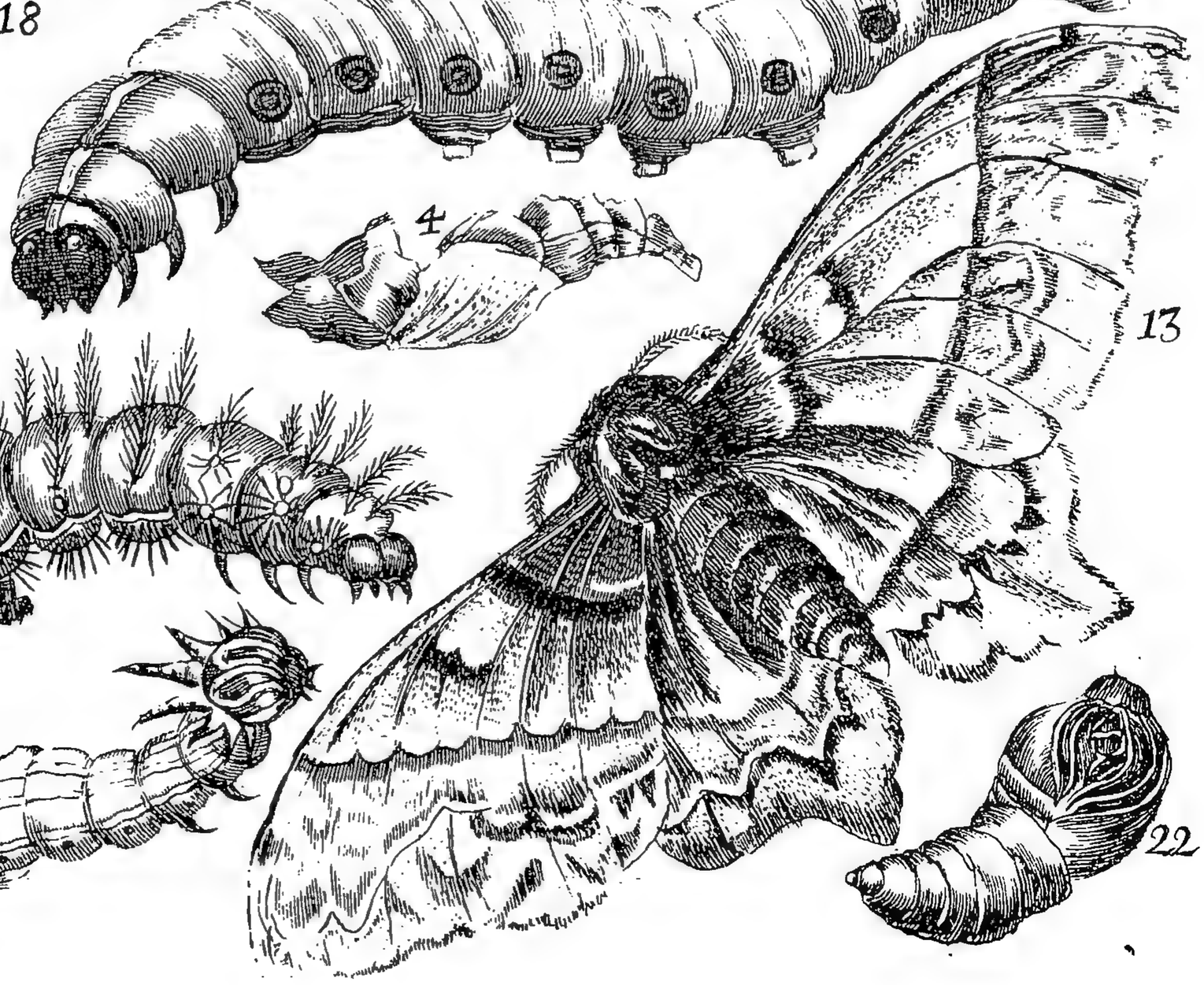


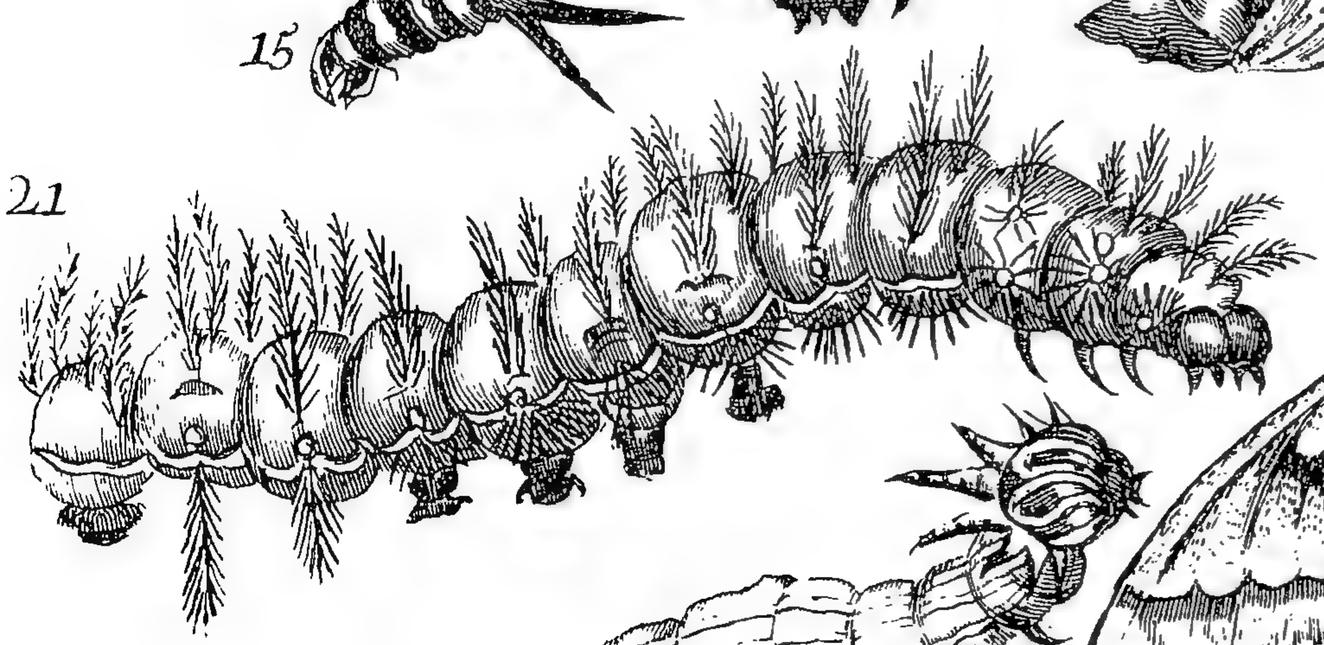


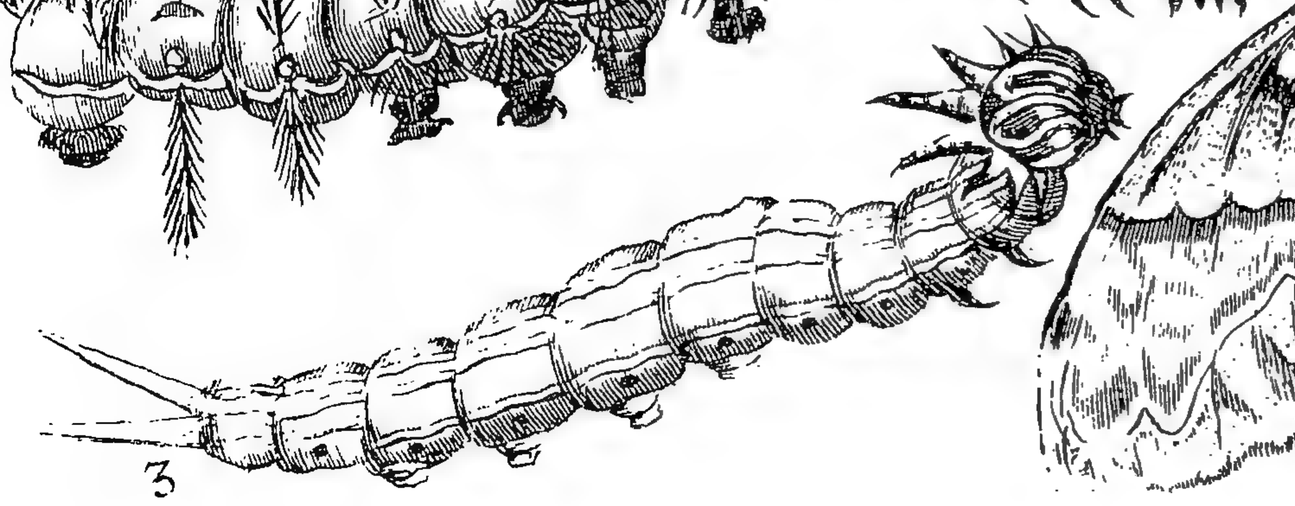


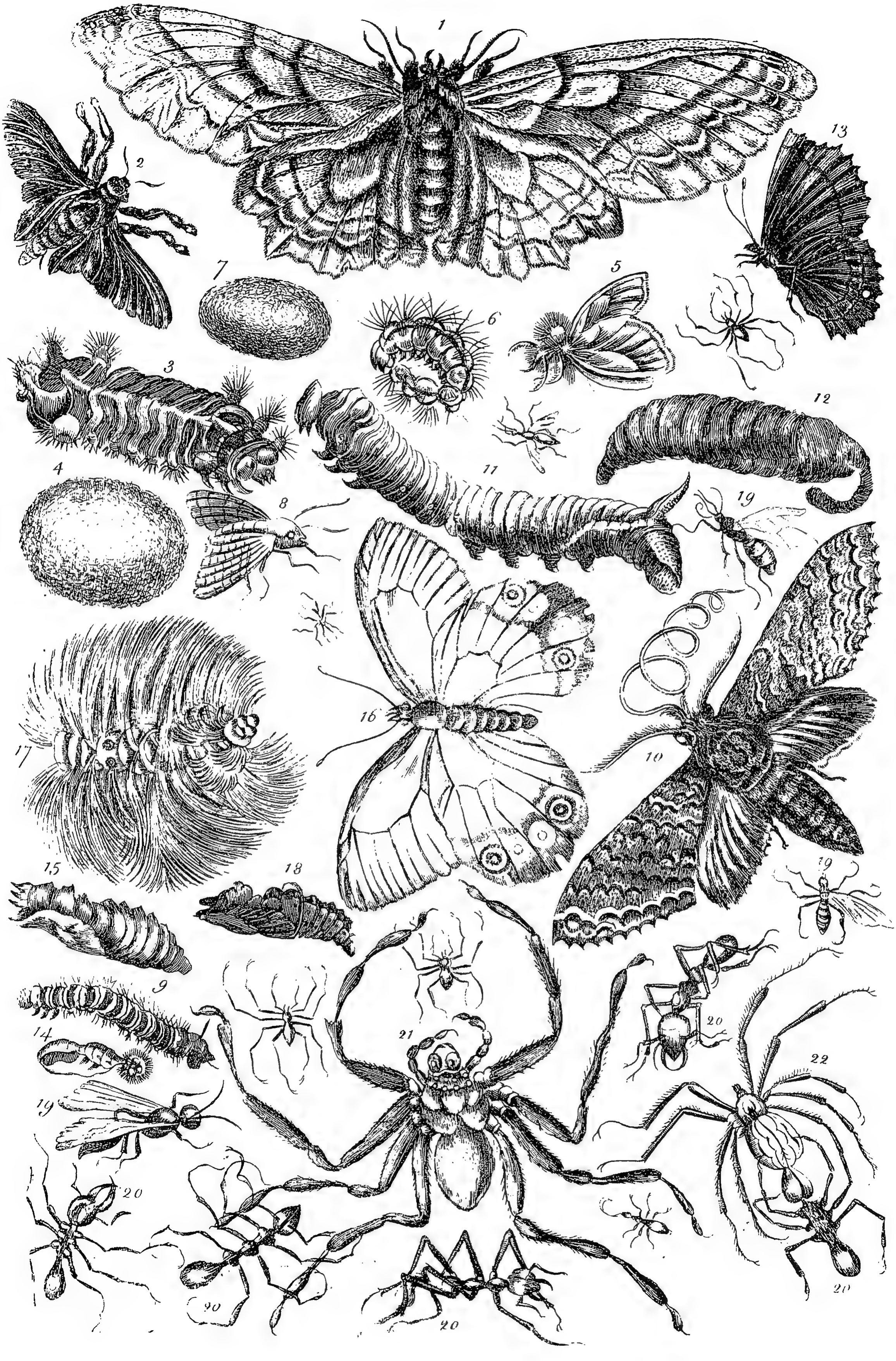






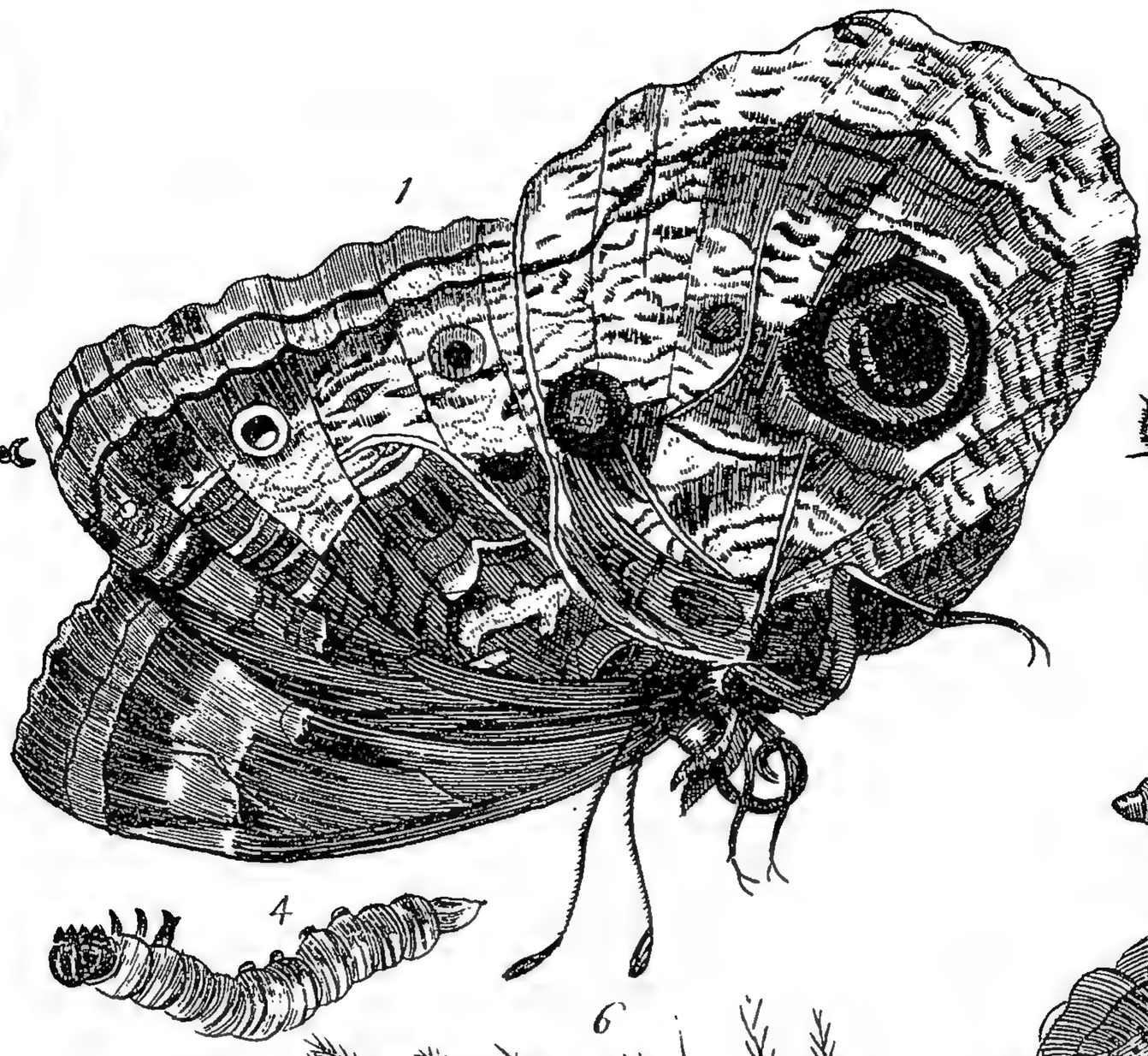





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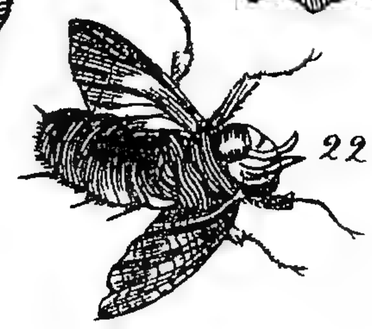
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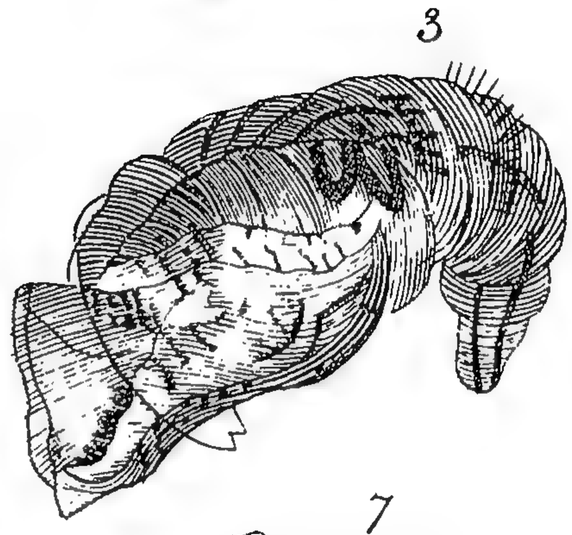

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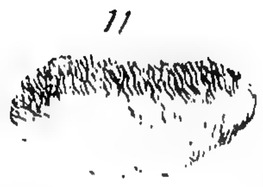
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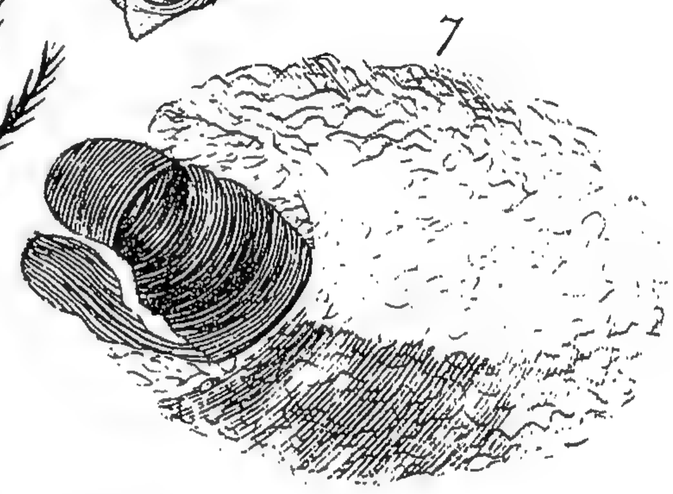

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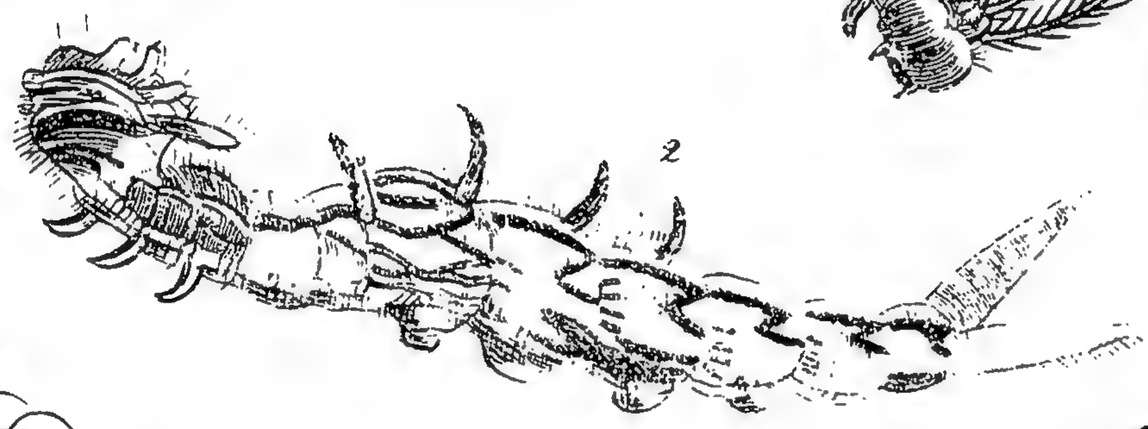

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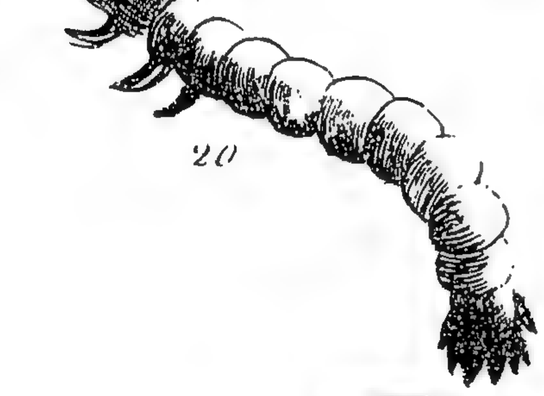

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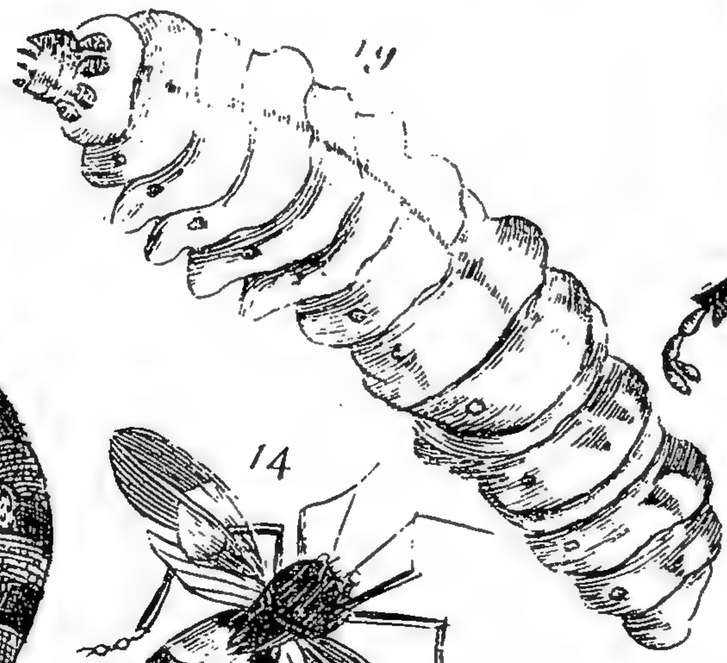

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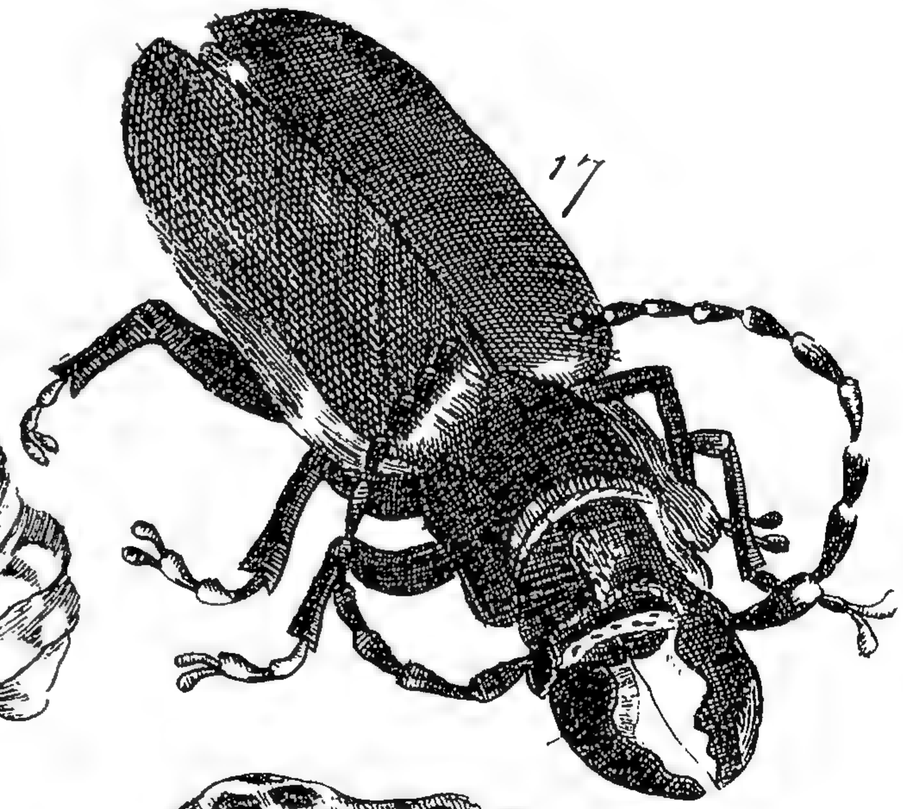

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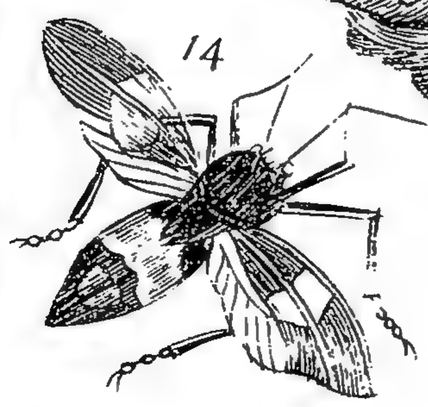

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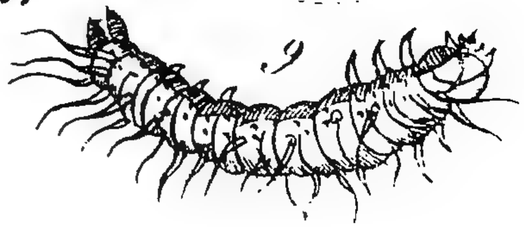

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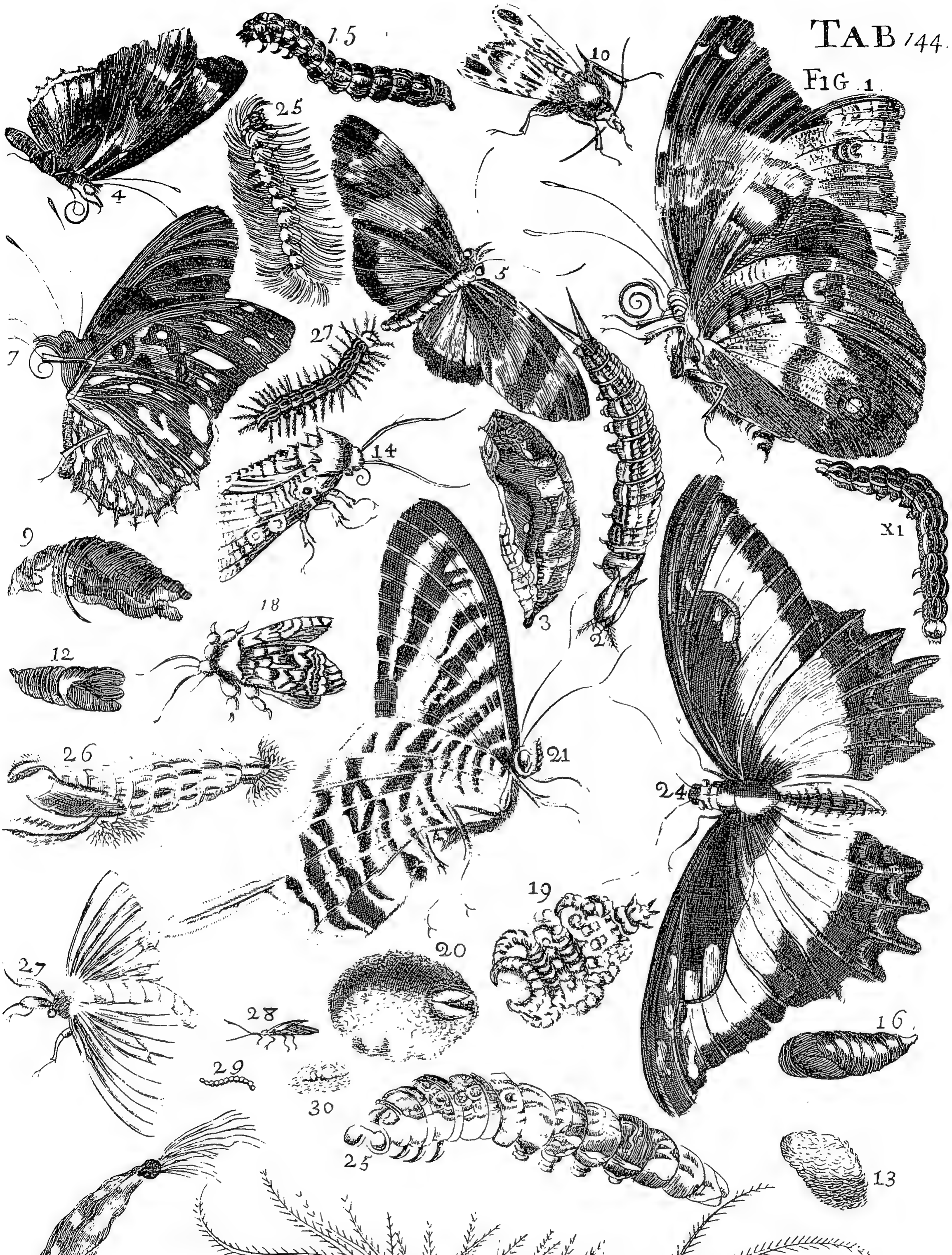
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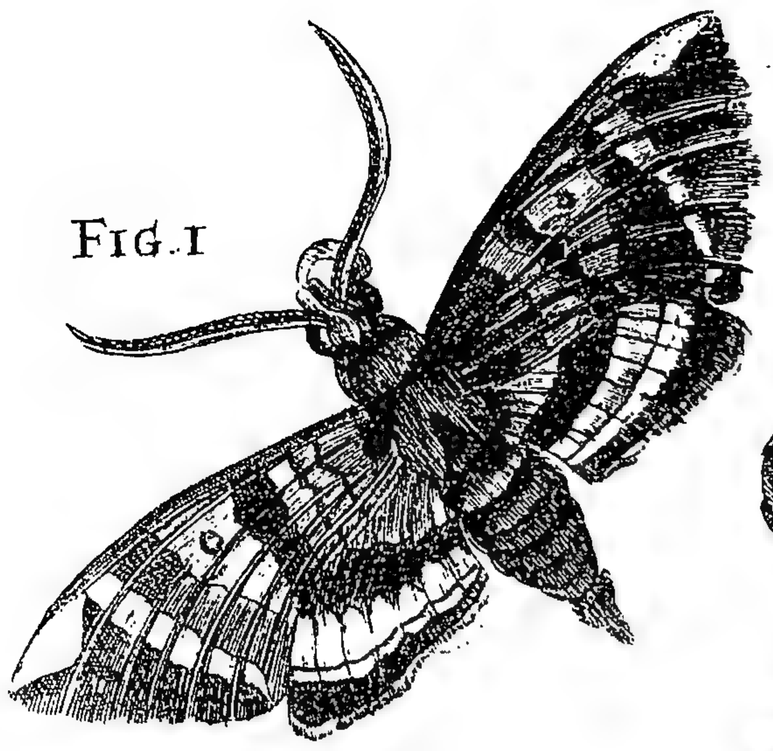
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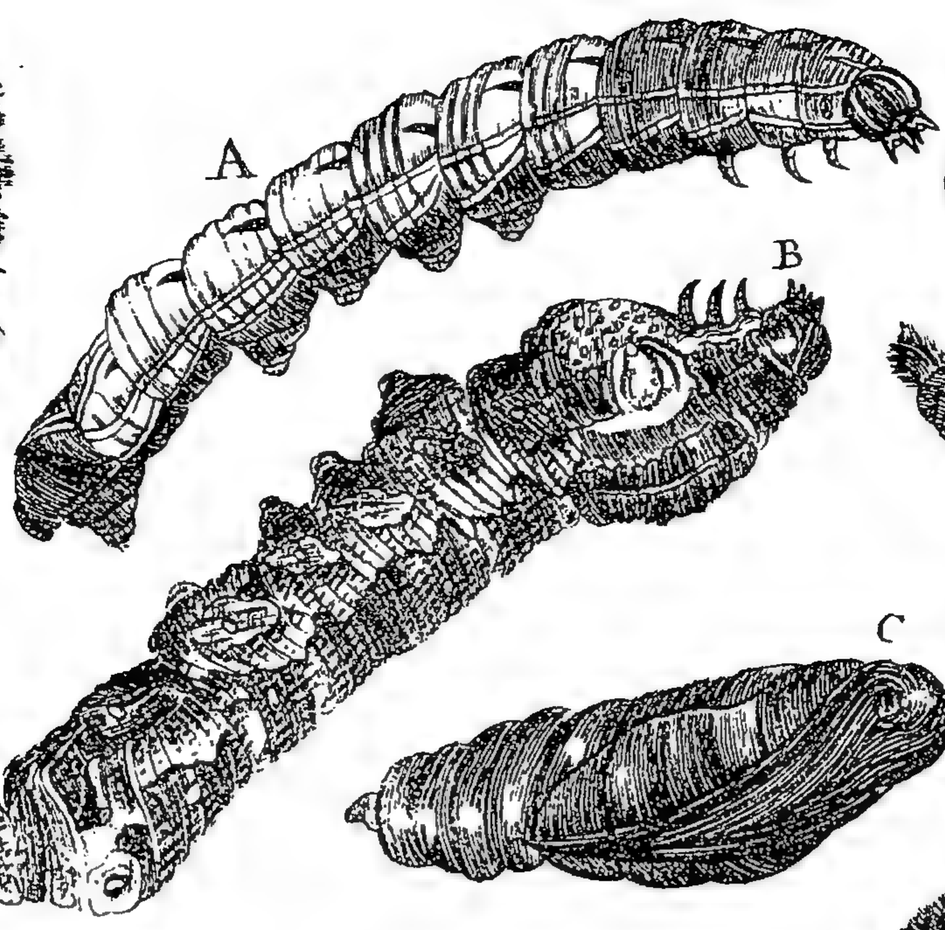
FIG. 1.


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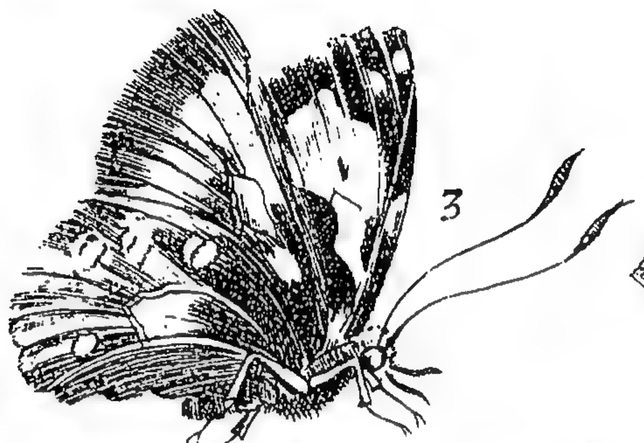
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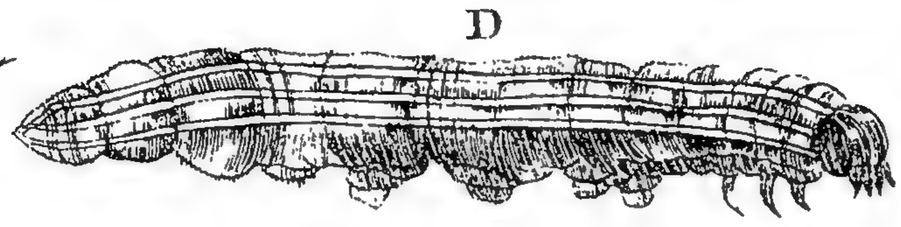
FIG. 1



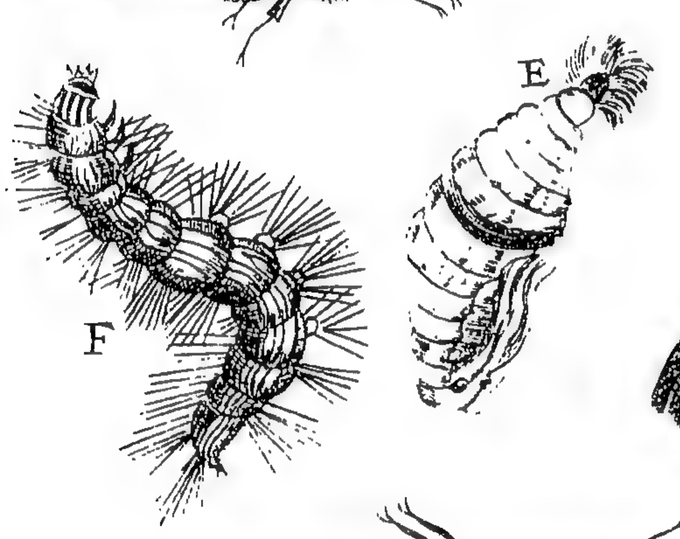


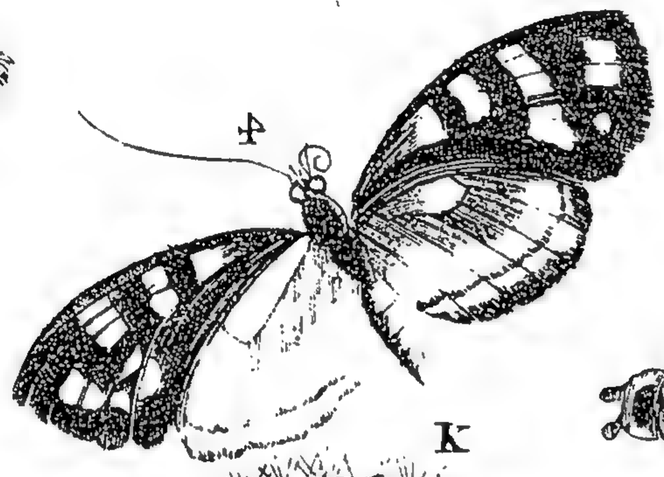




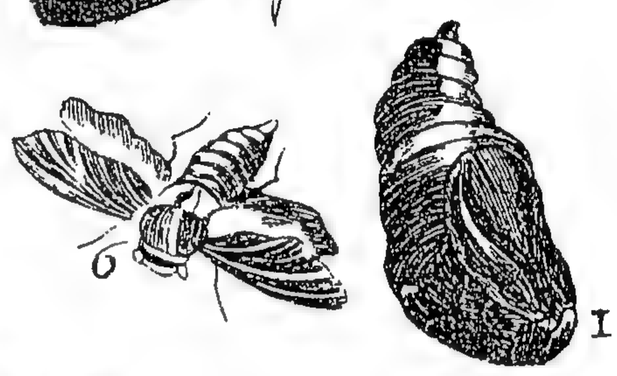


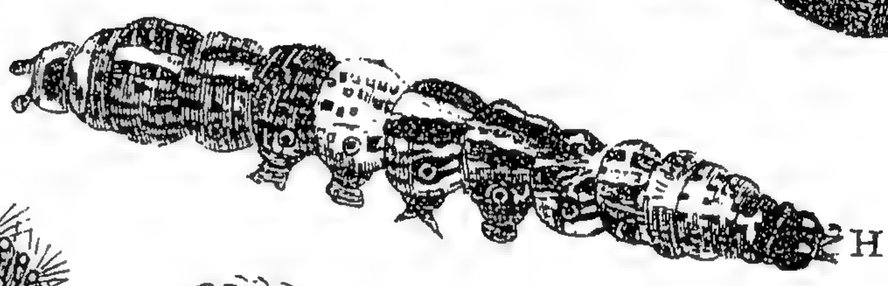


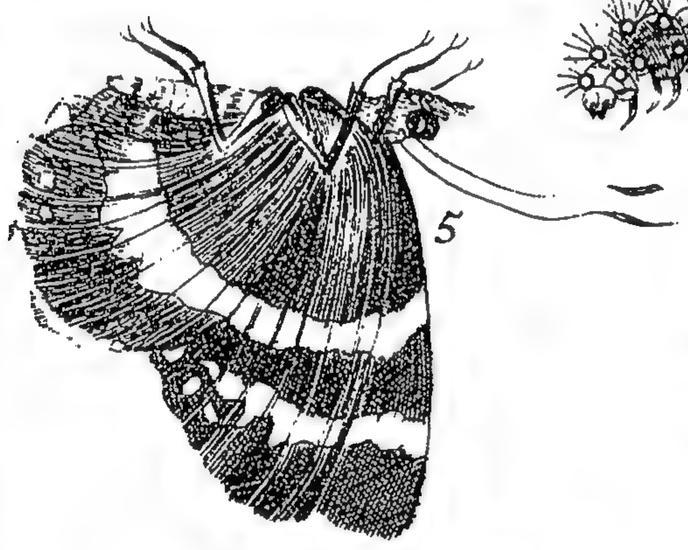


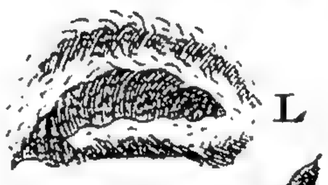




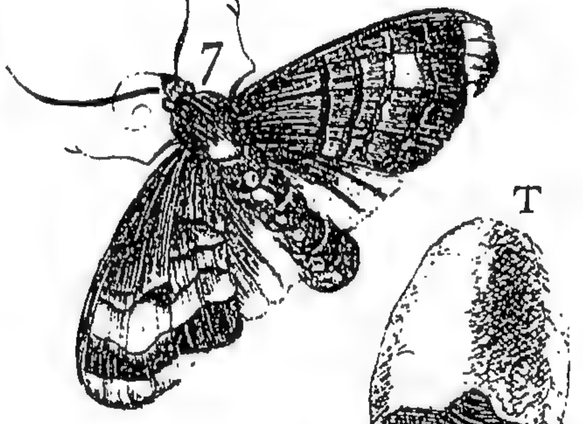






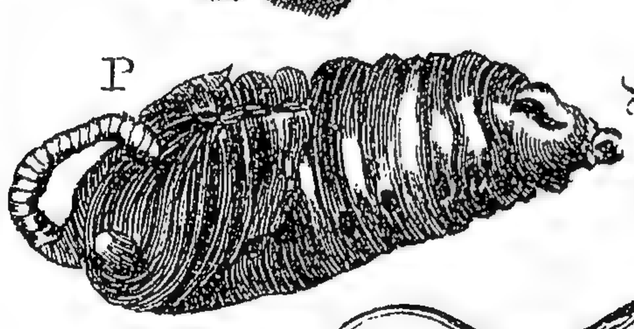




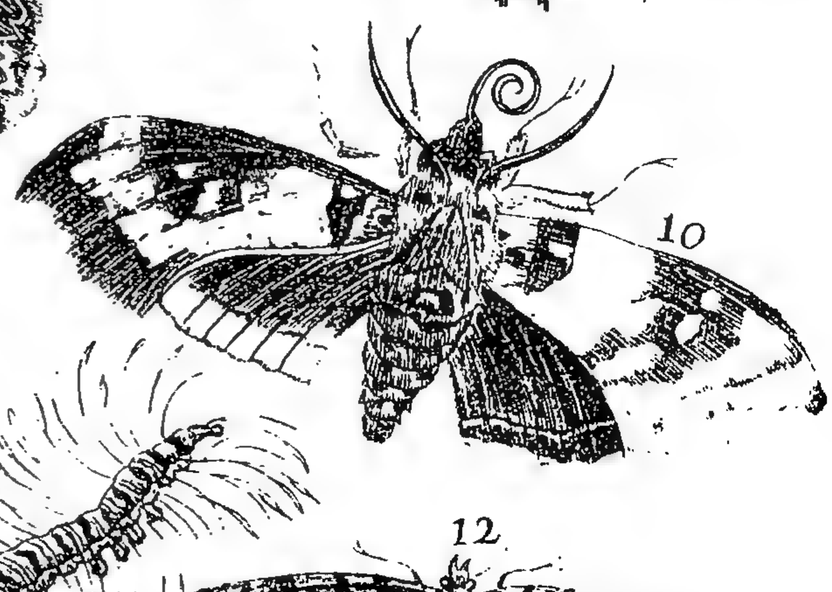








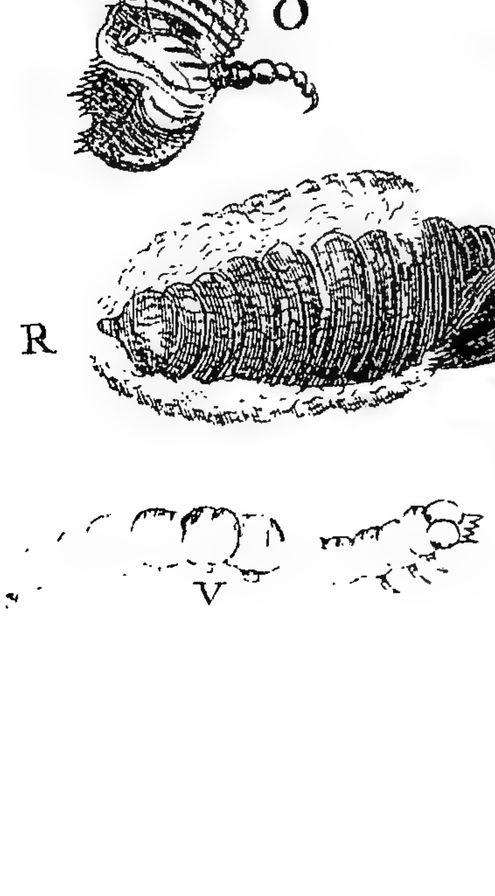






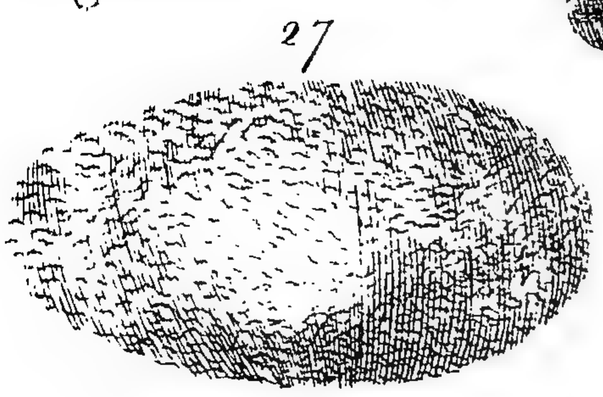


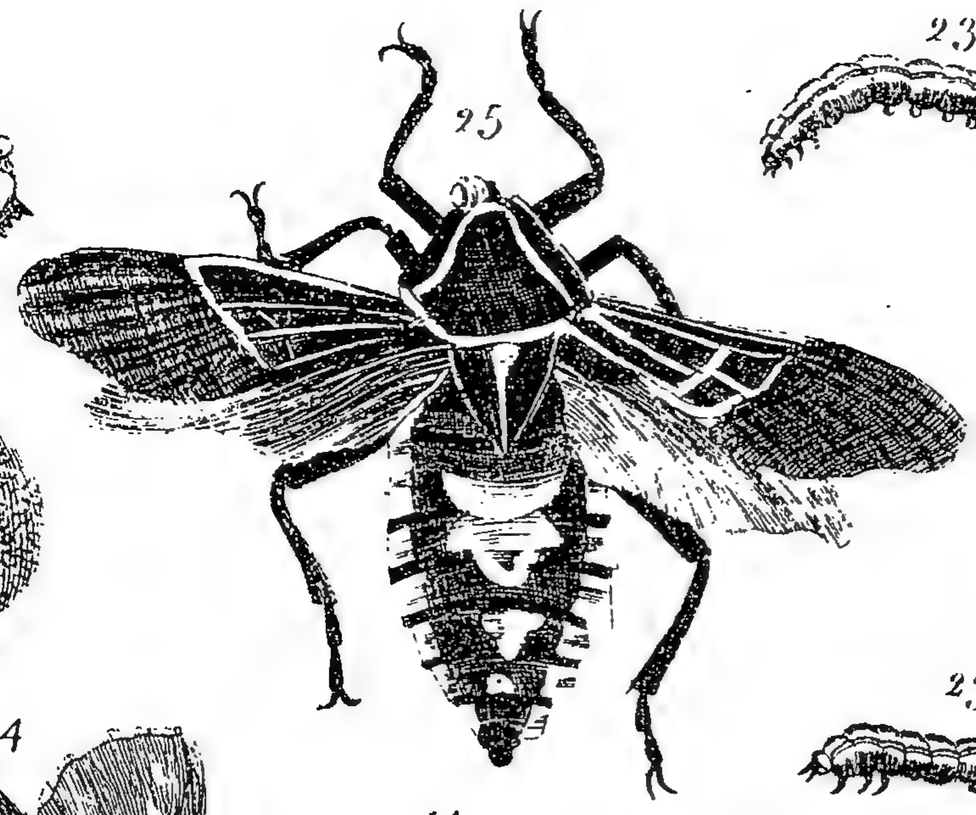




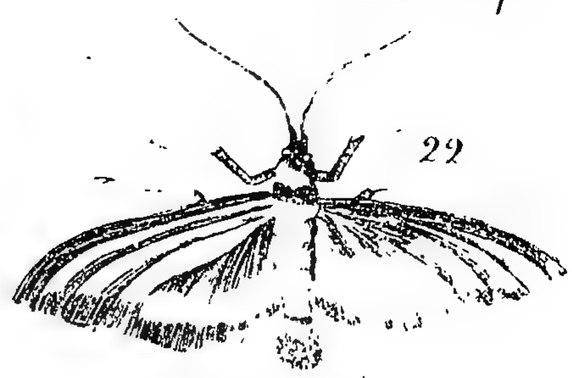
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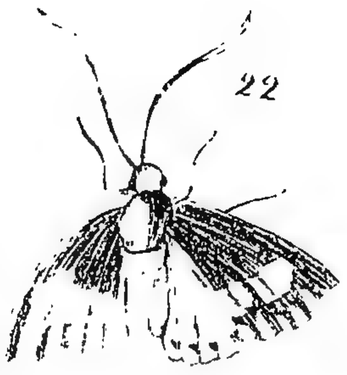

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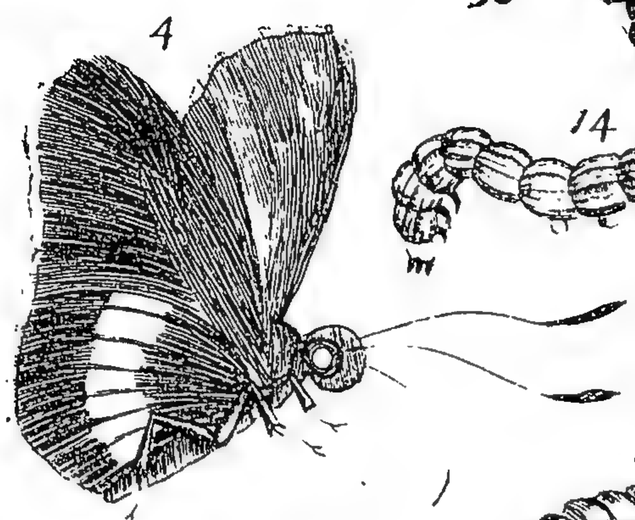

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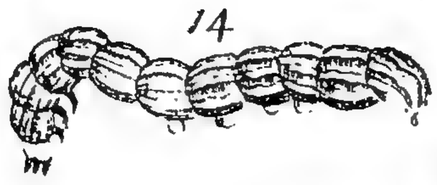

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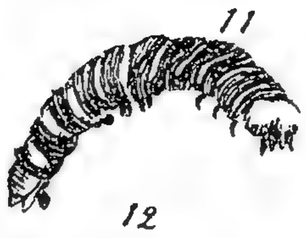

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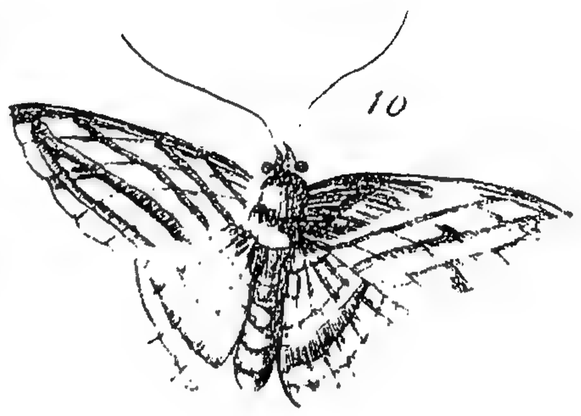

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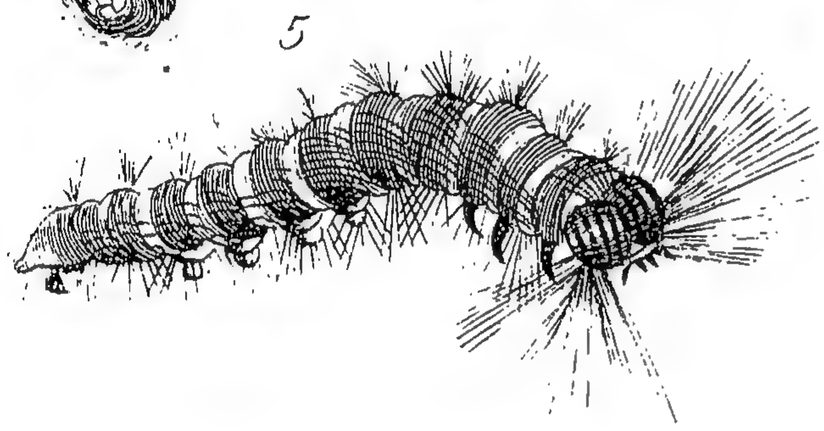

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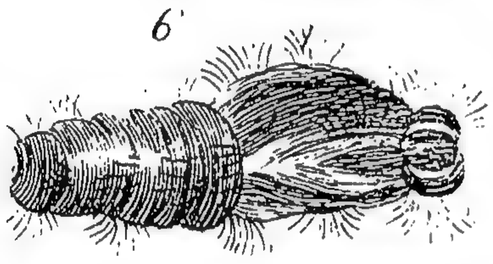

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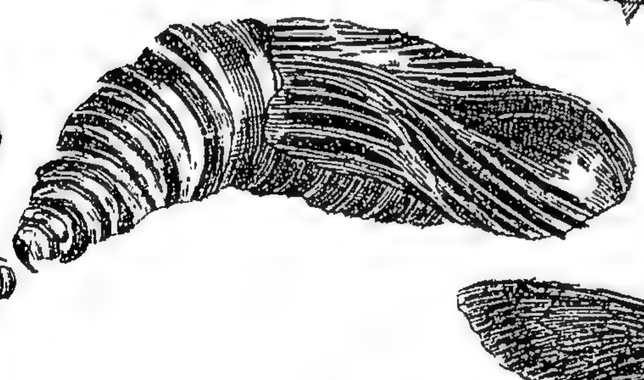

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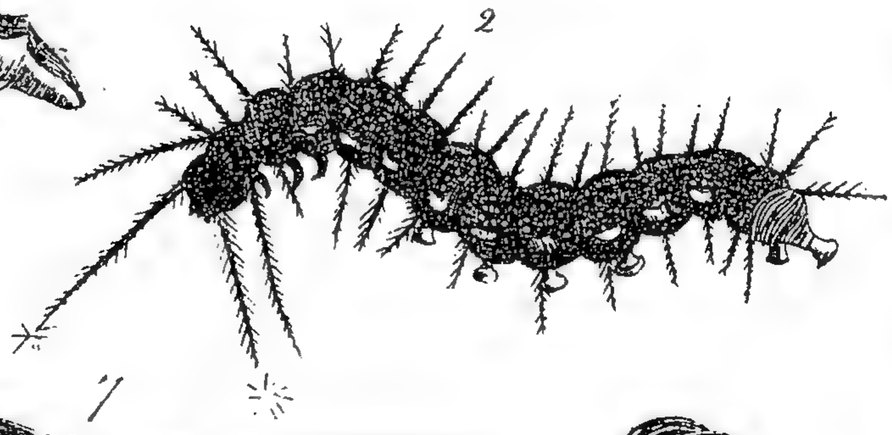

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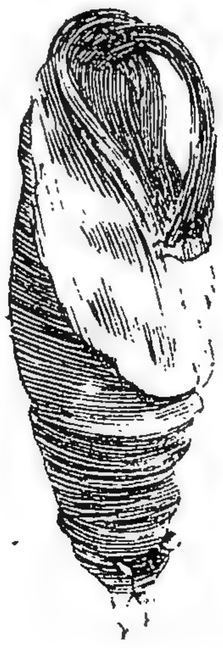

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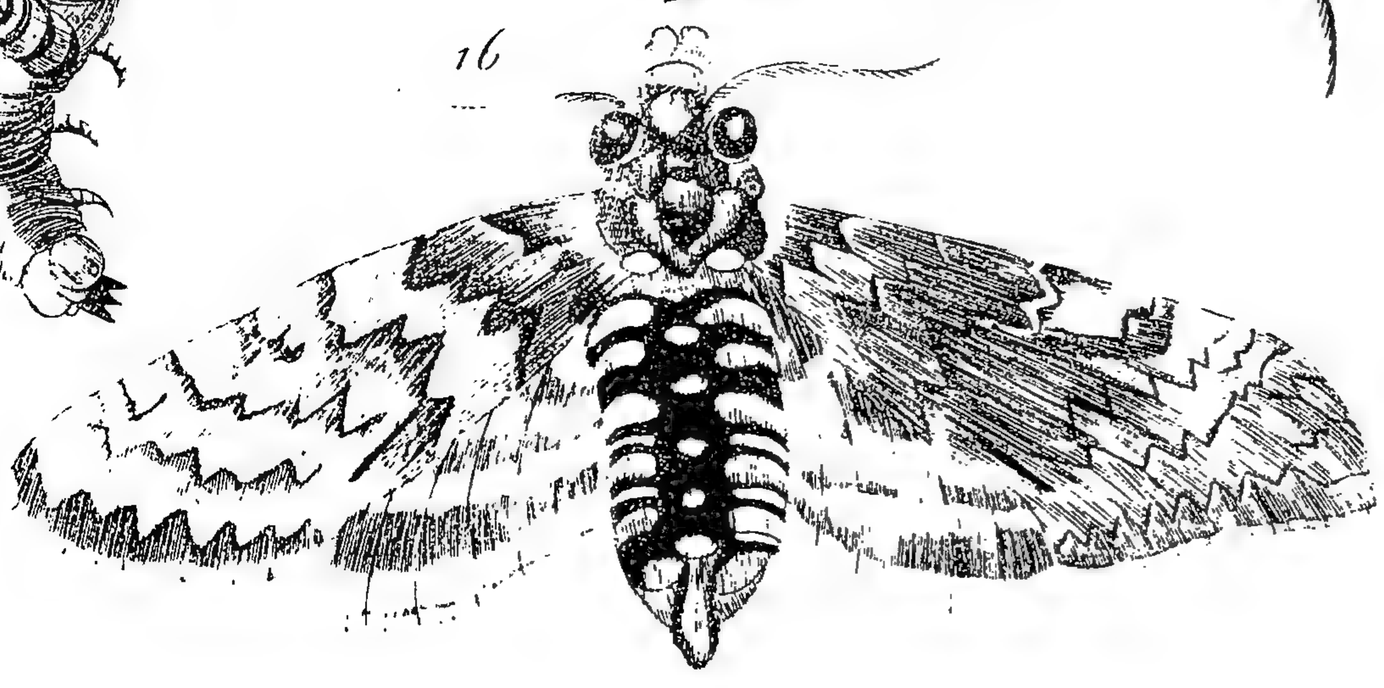

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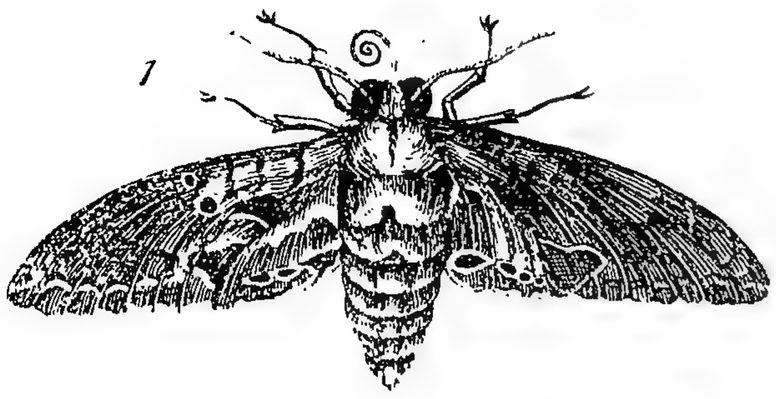

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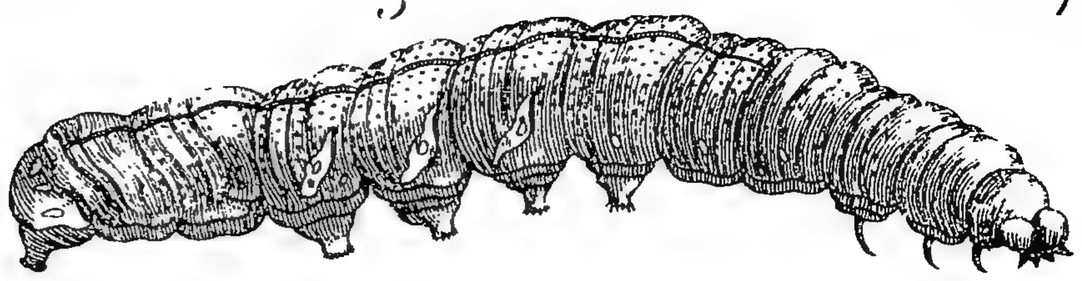

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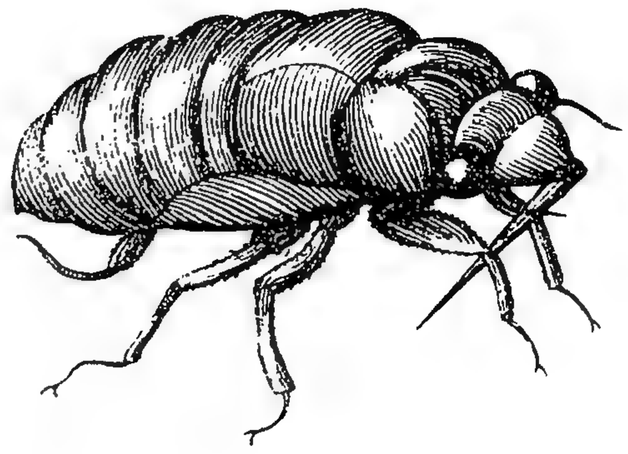
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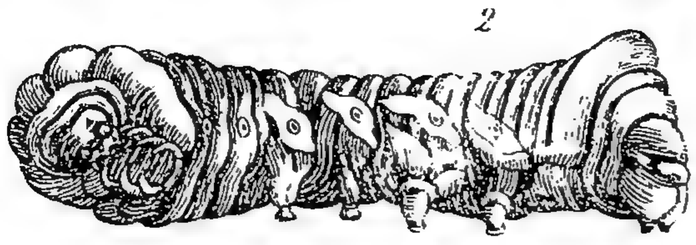
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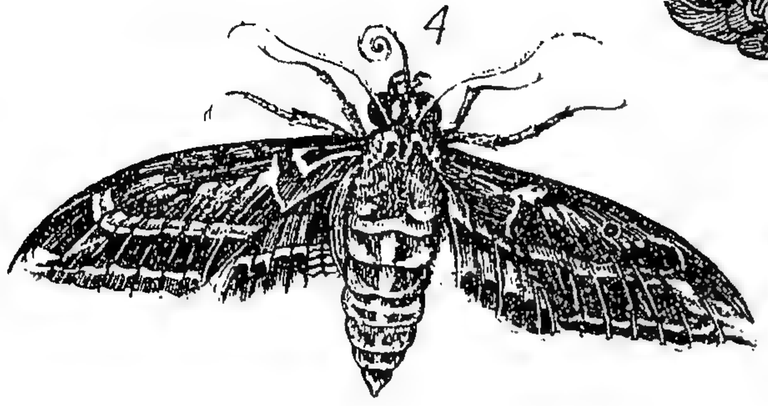
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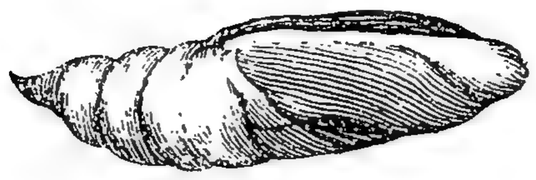
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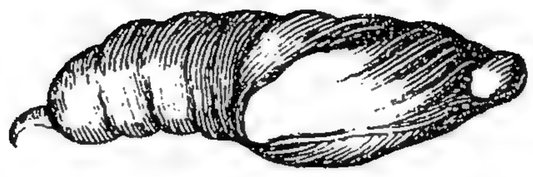
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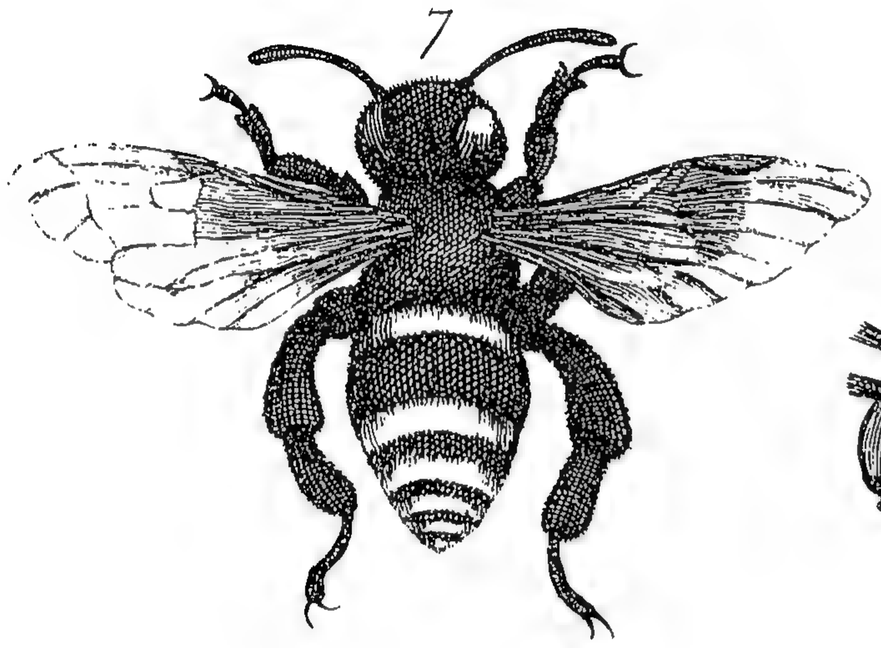
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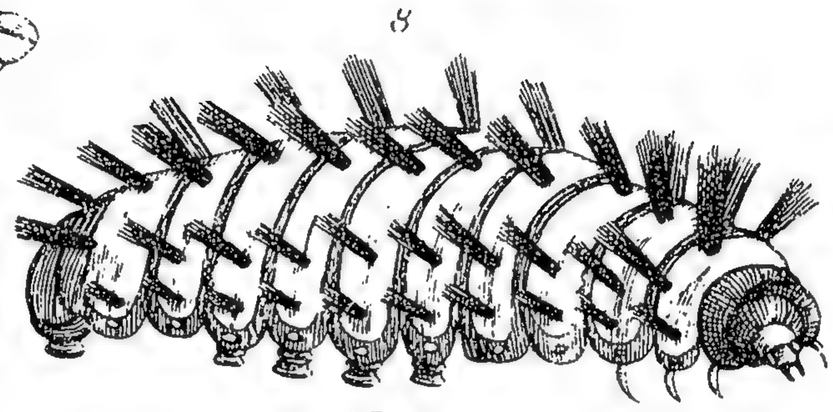
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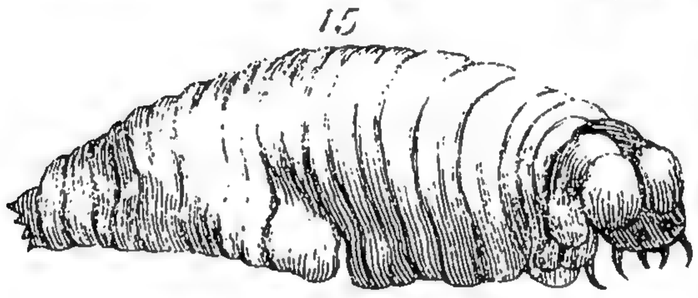
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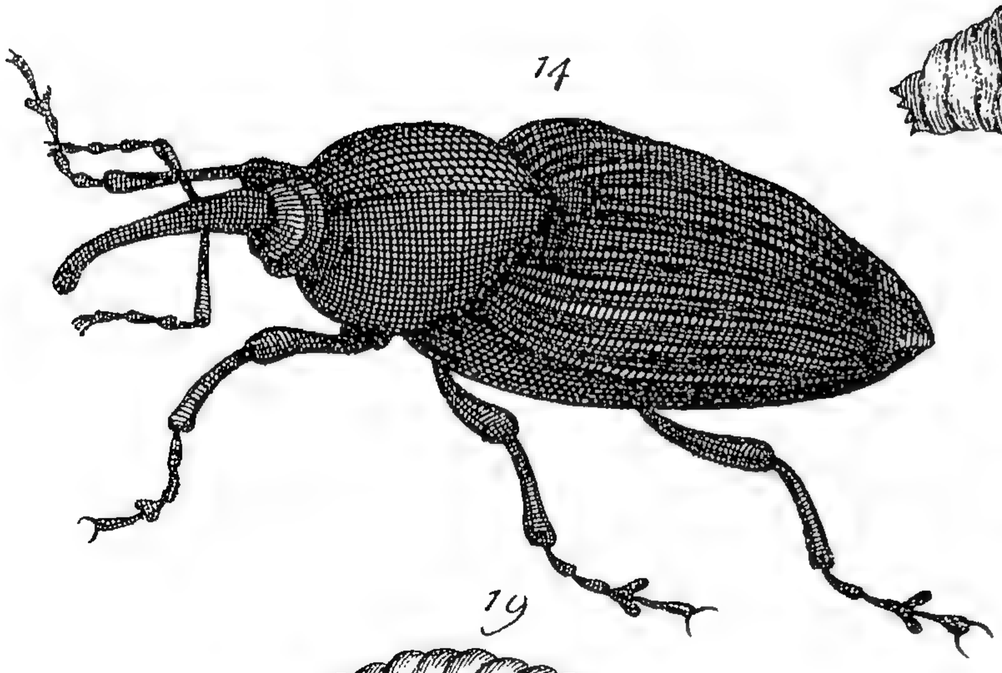
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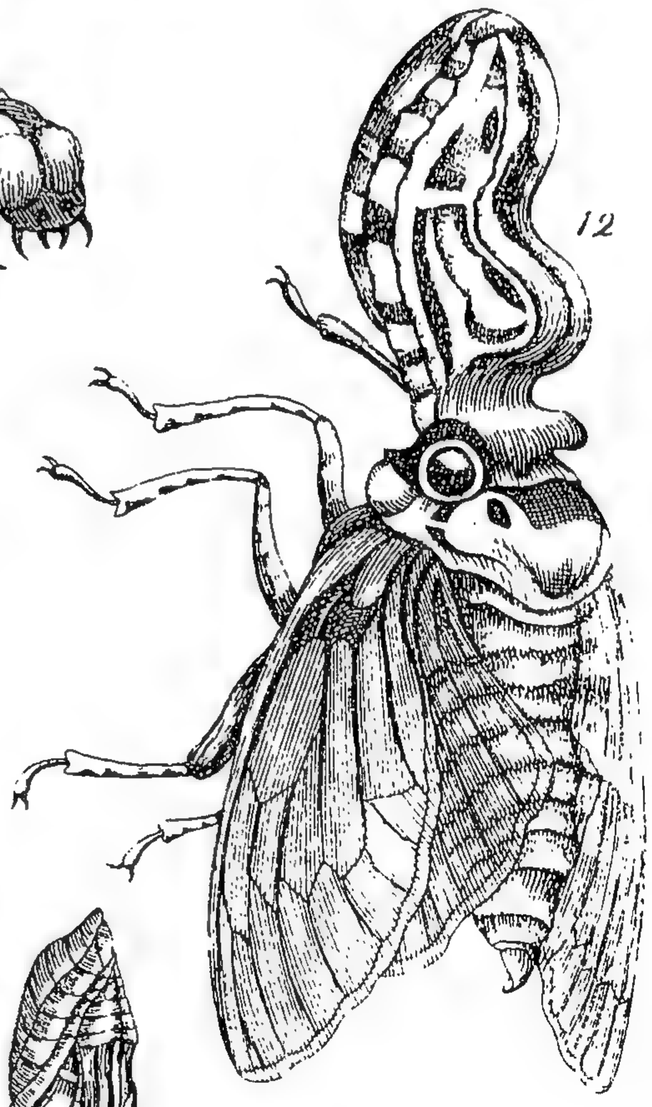
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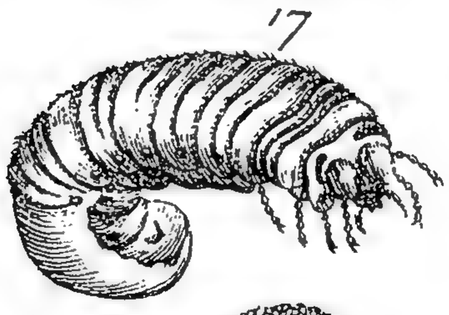
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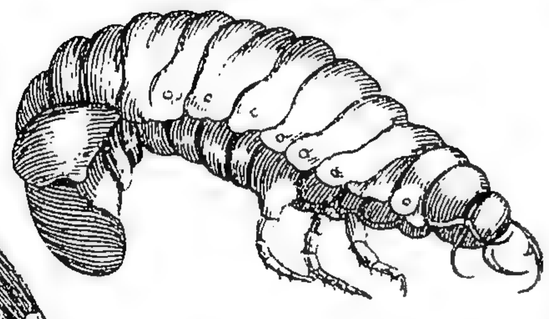
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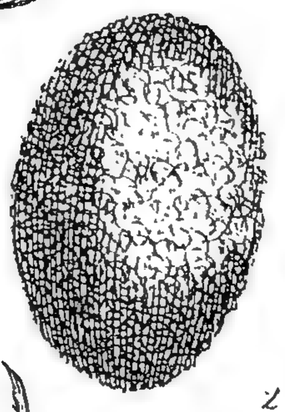
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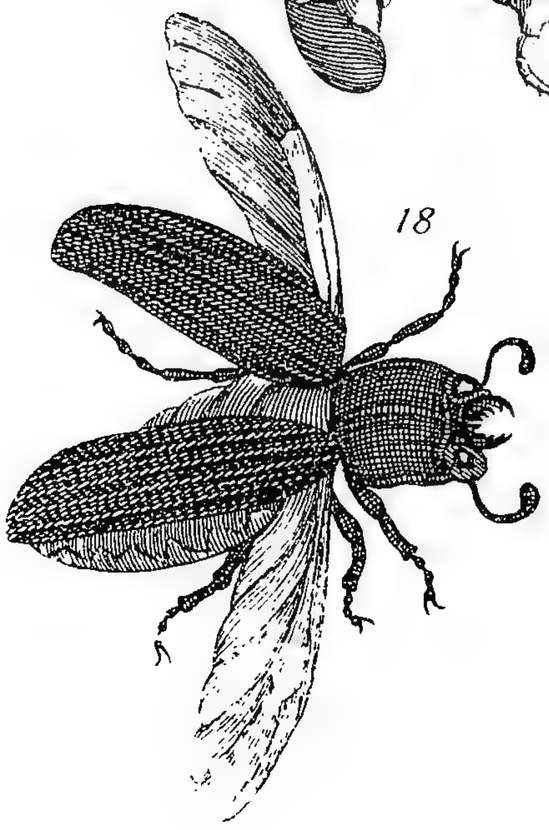
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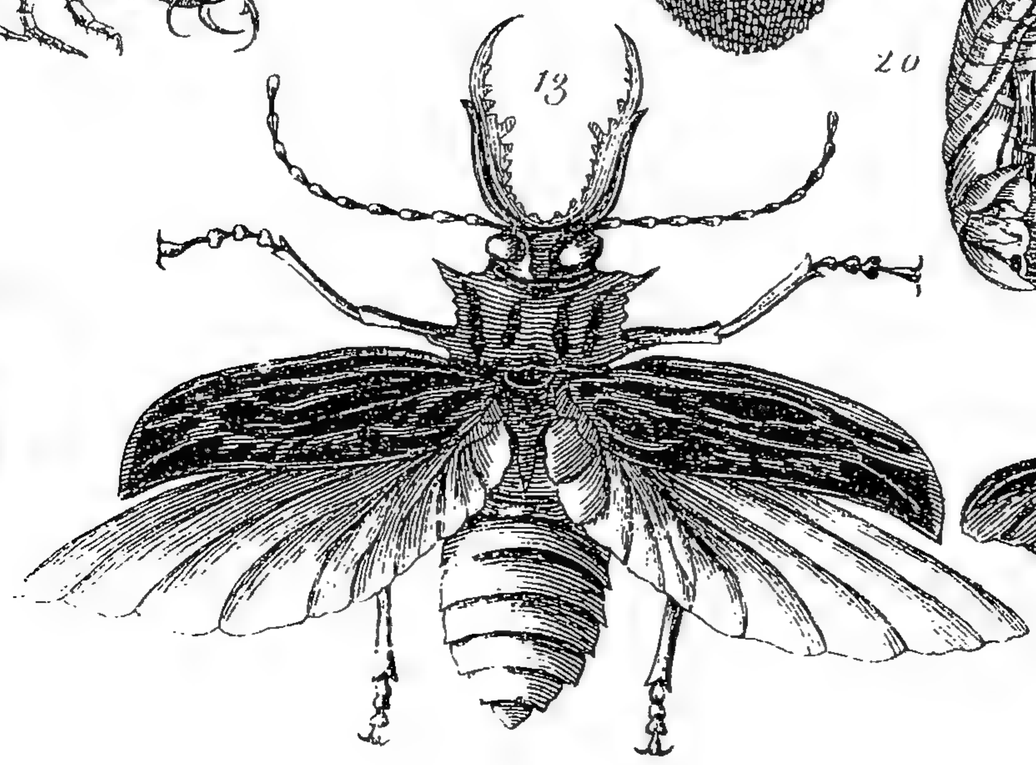
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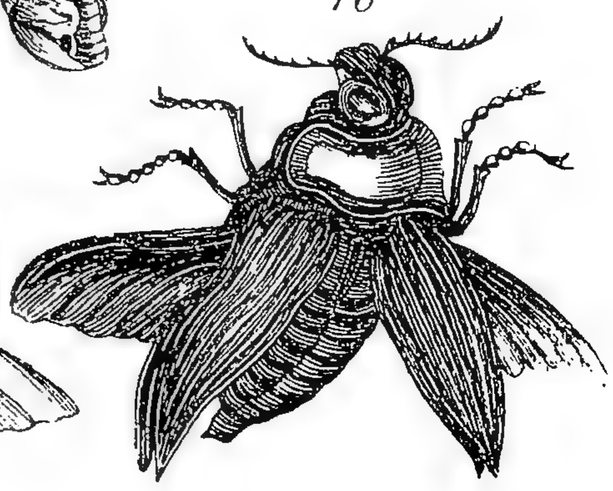
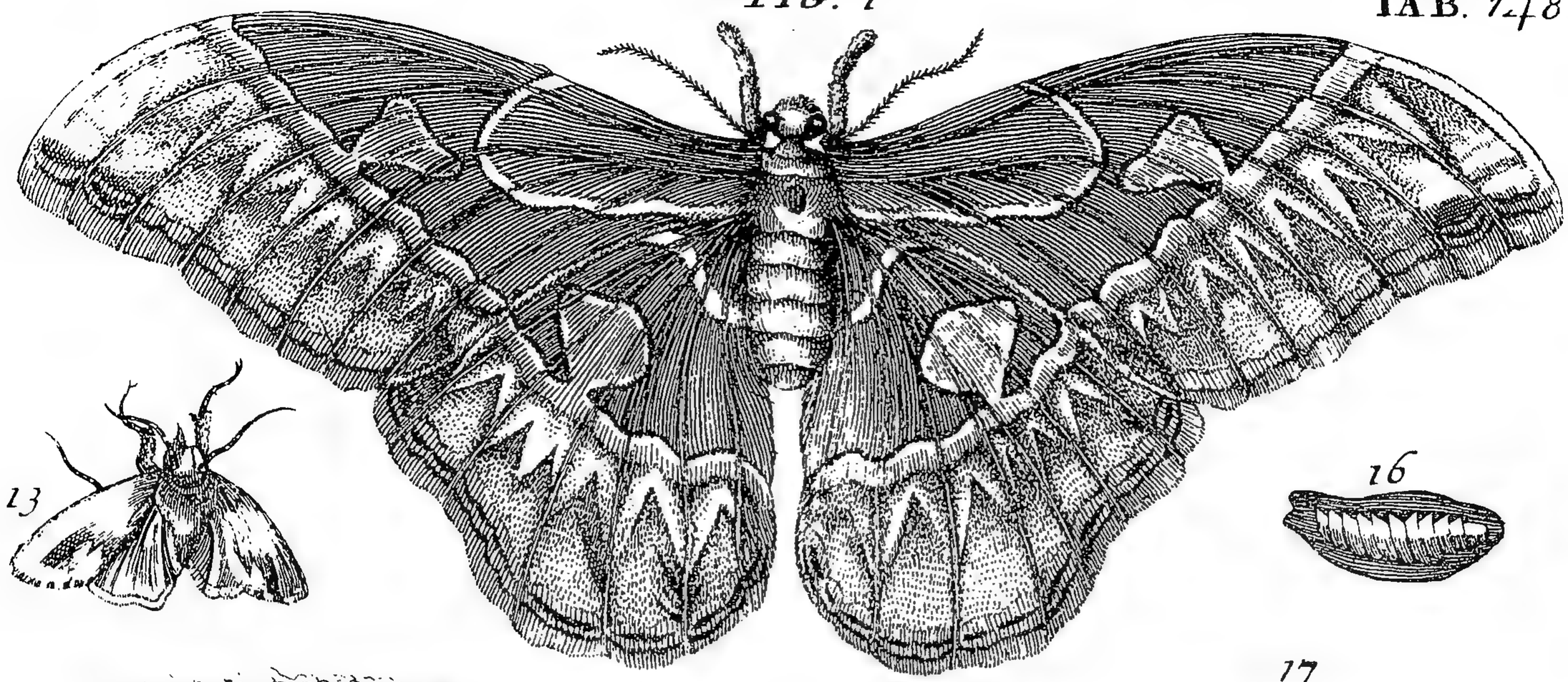


FIG. 1

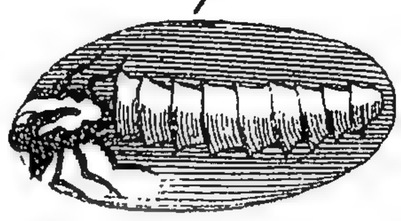
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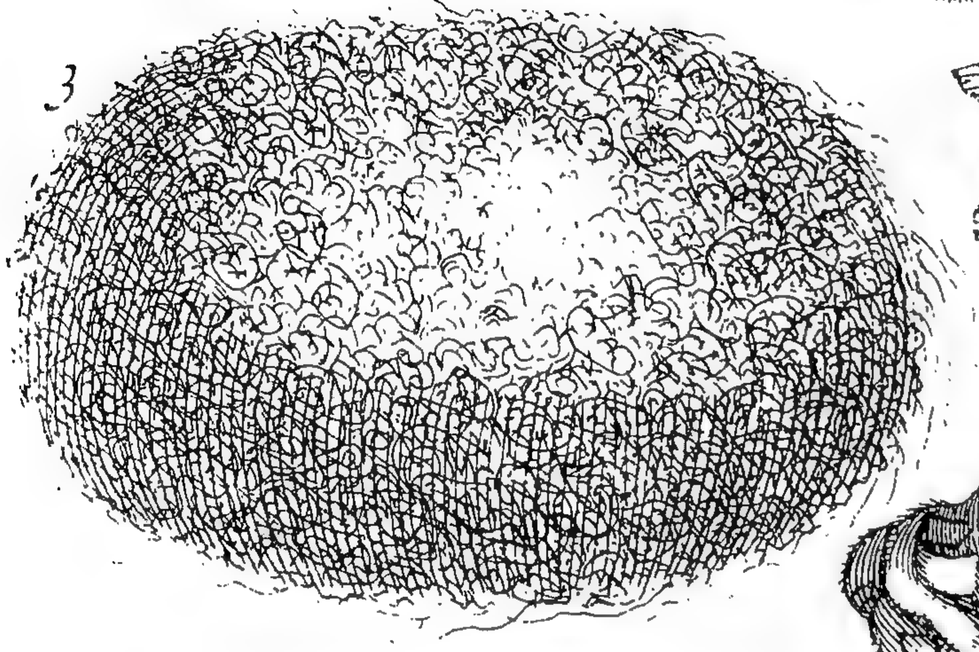
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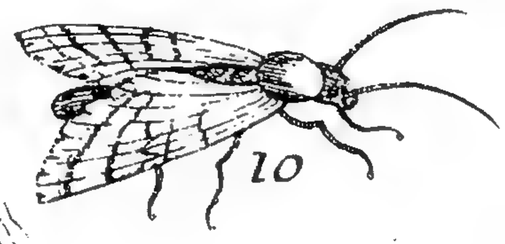
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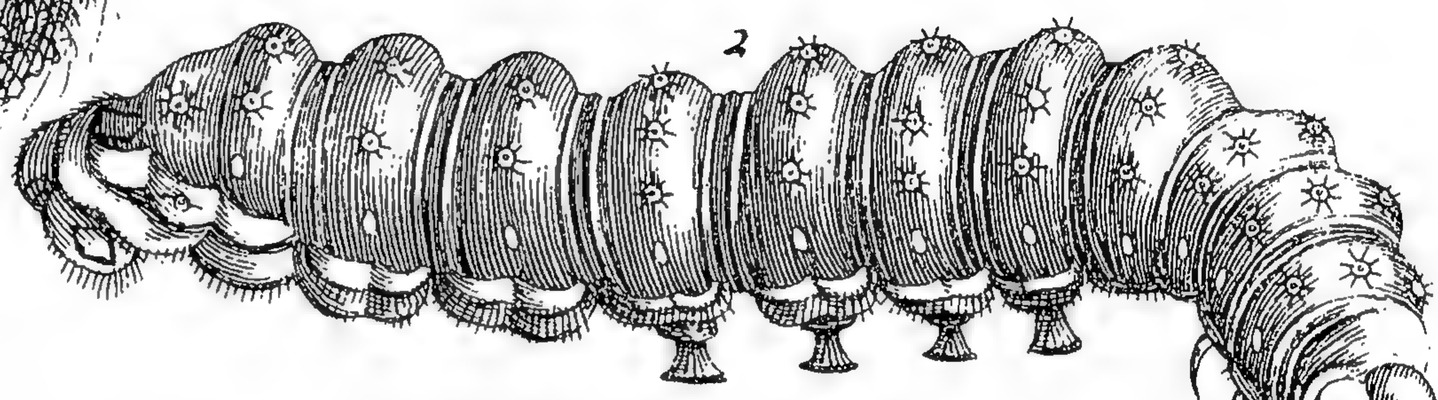
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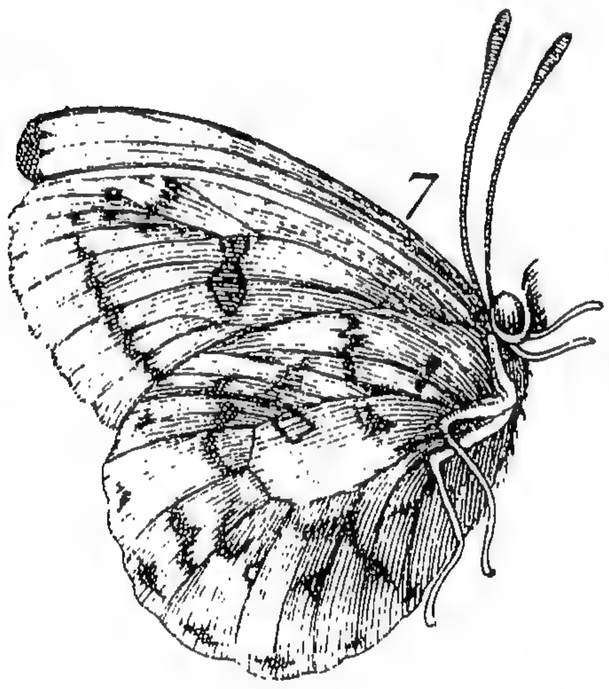
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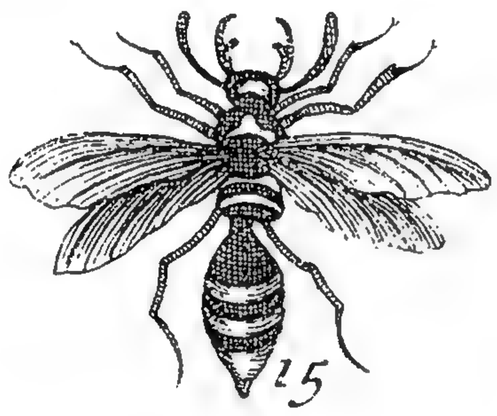
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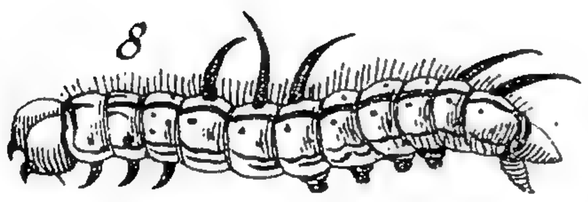


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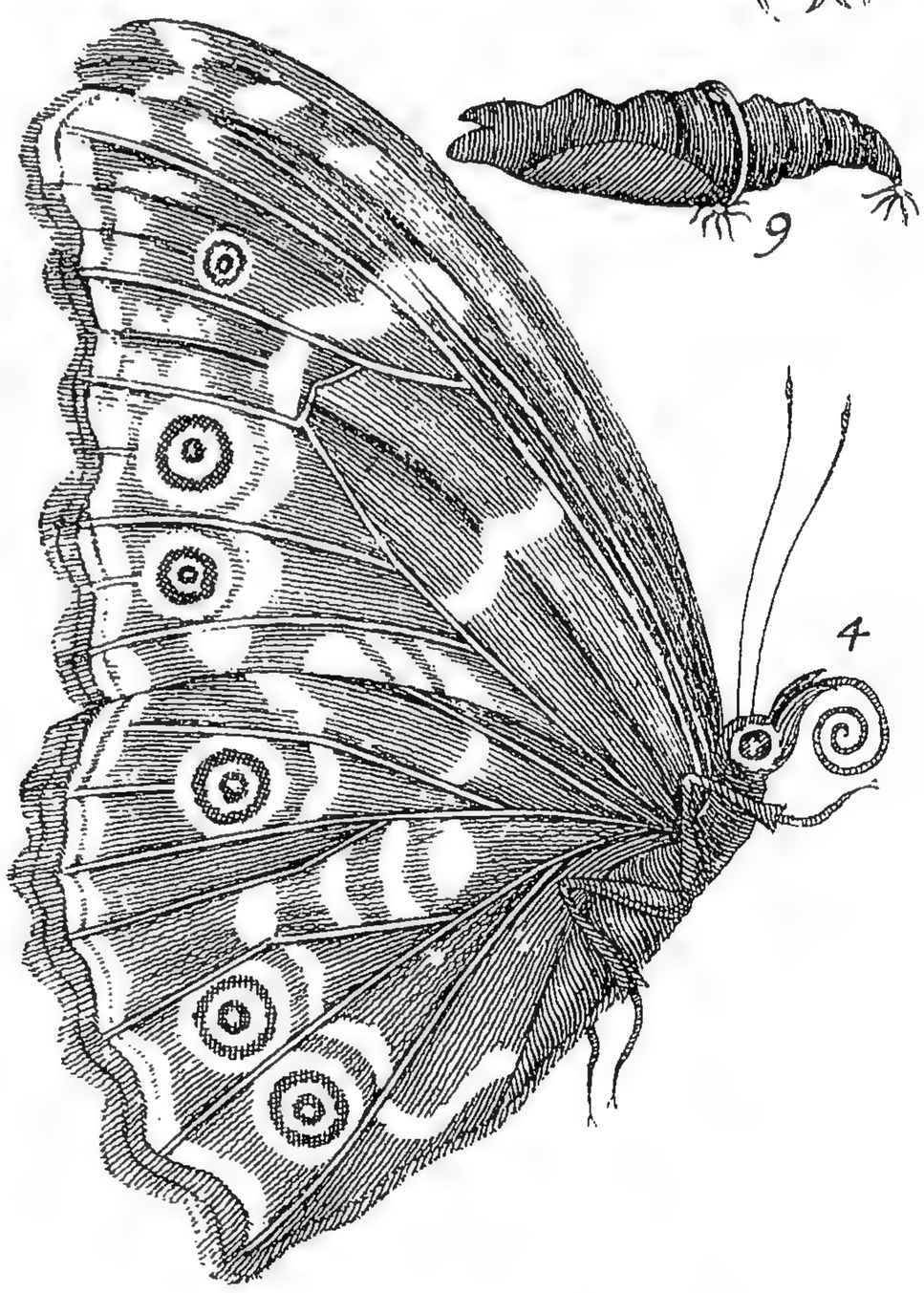


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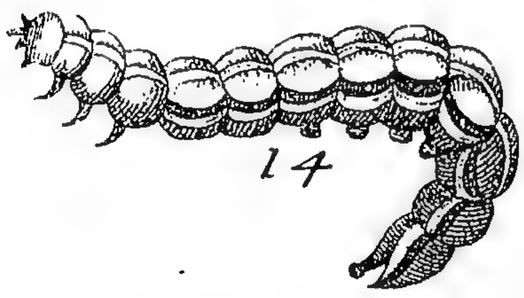
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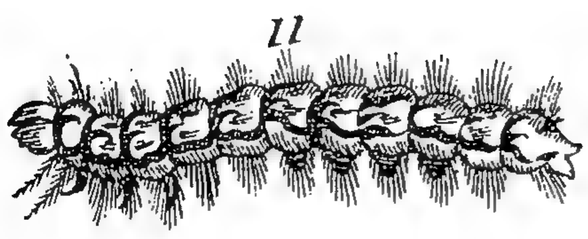
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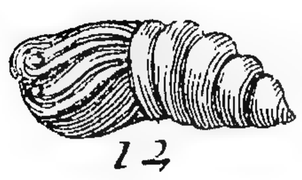
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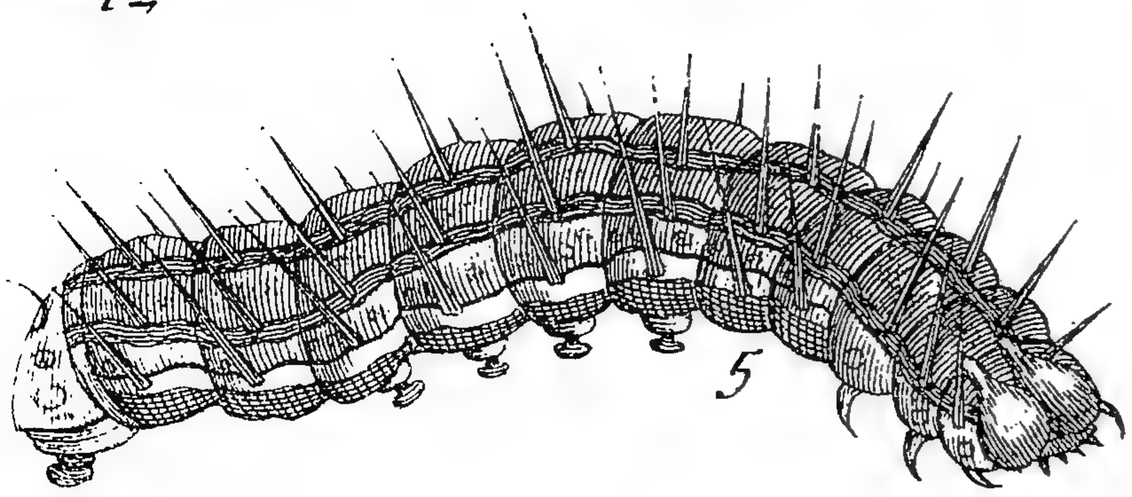
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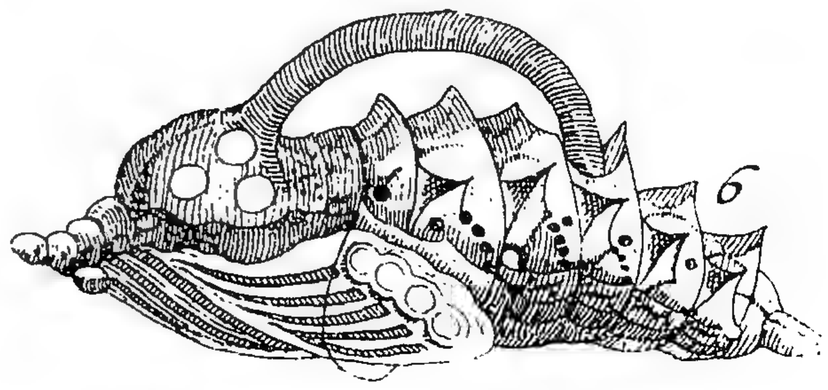
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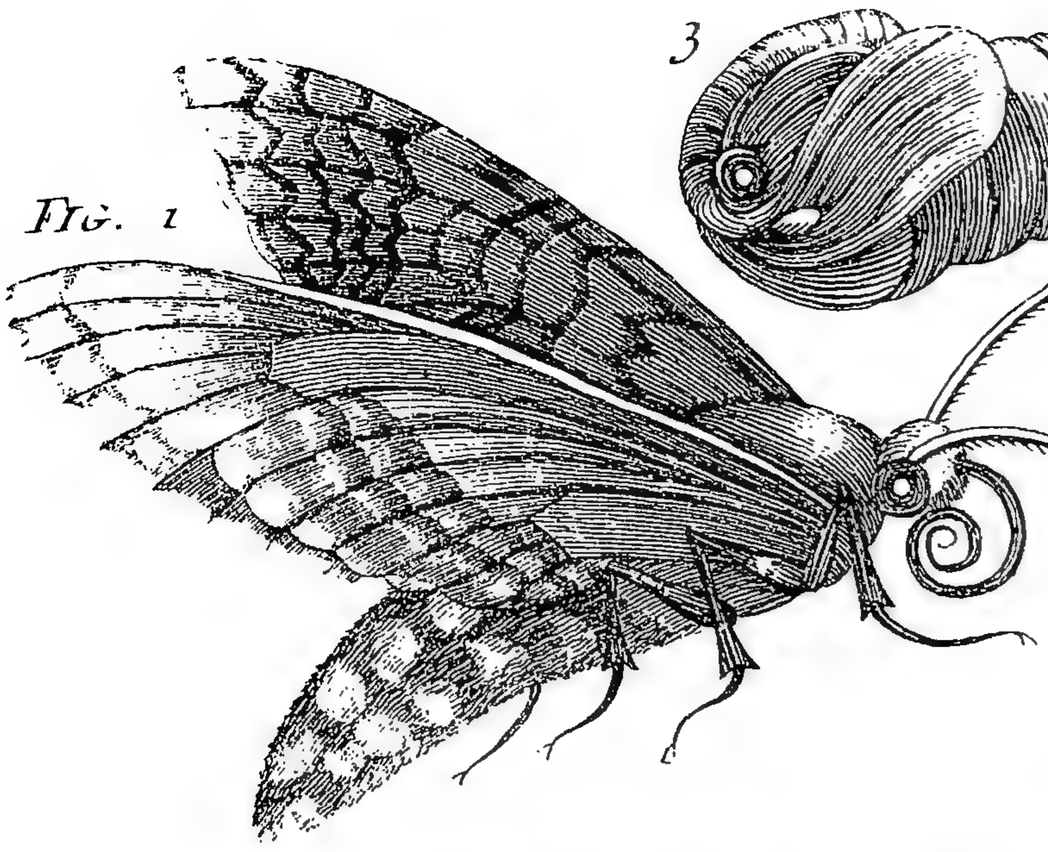


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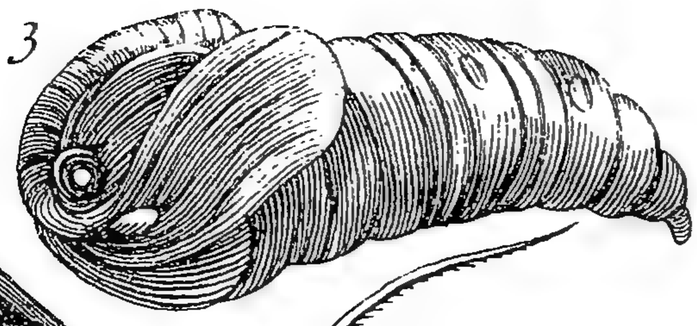


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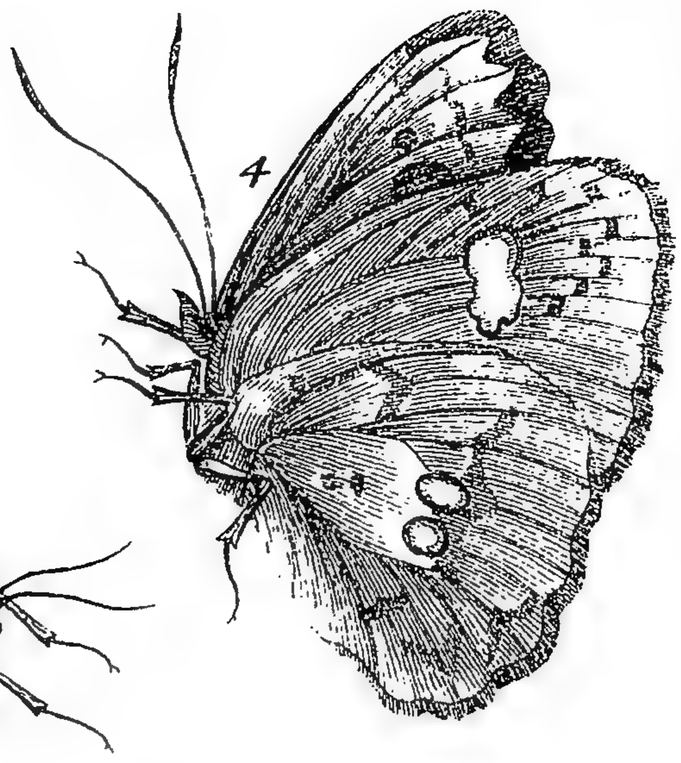
FIG. 1



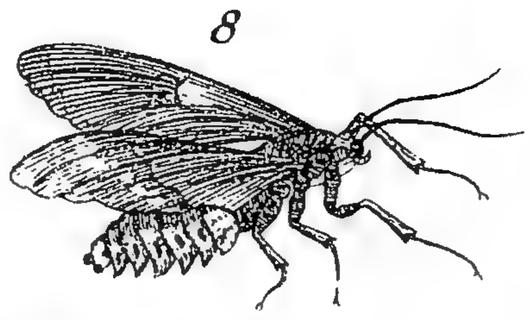
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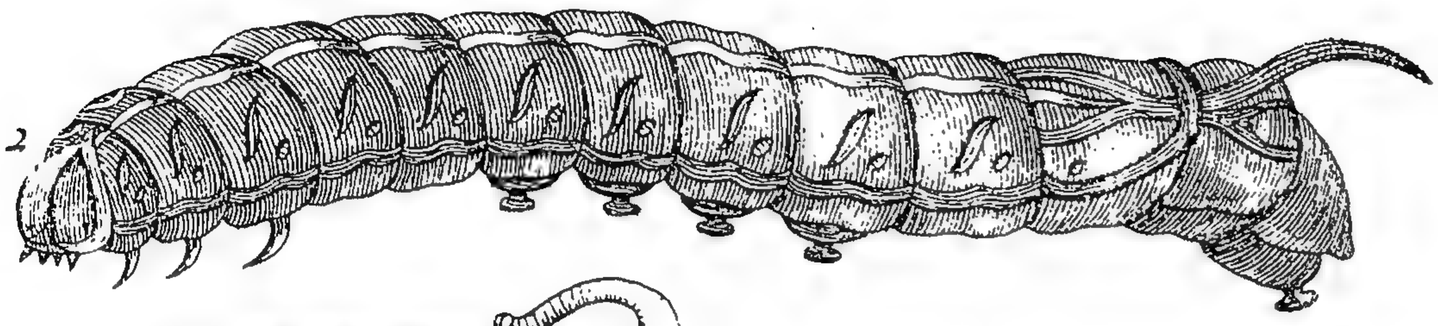
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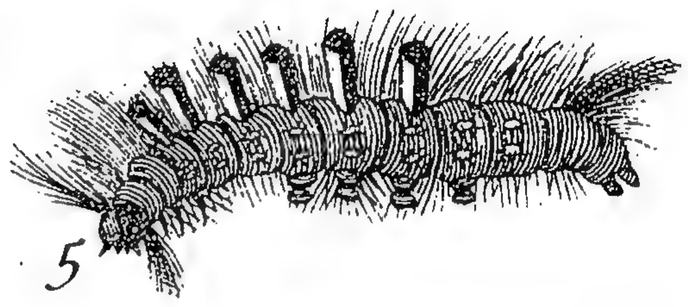
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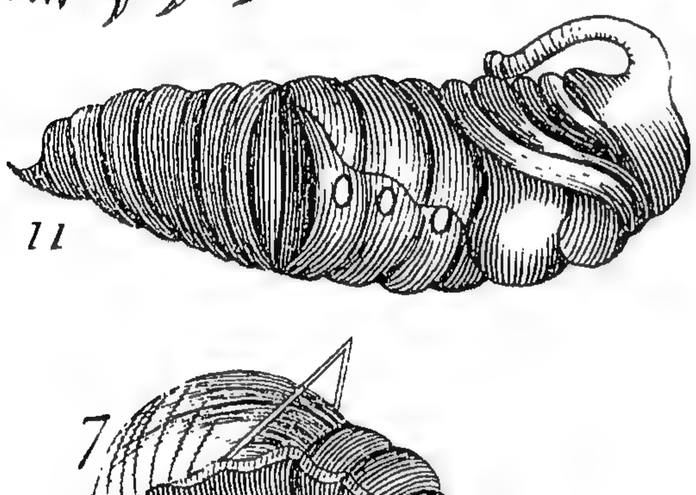
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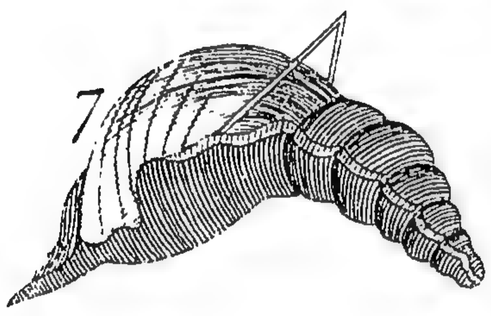
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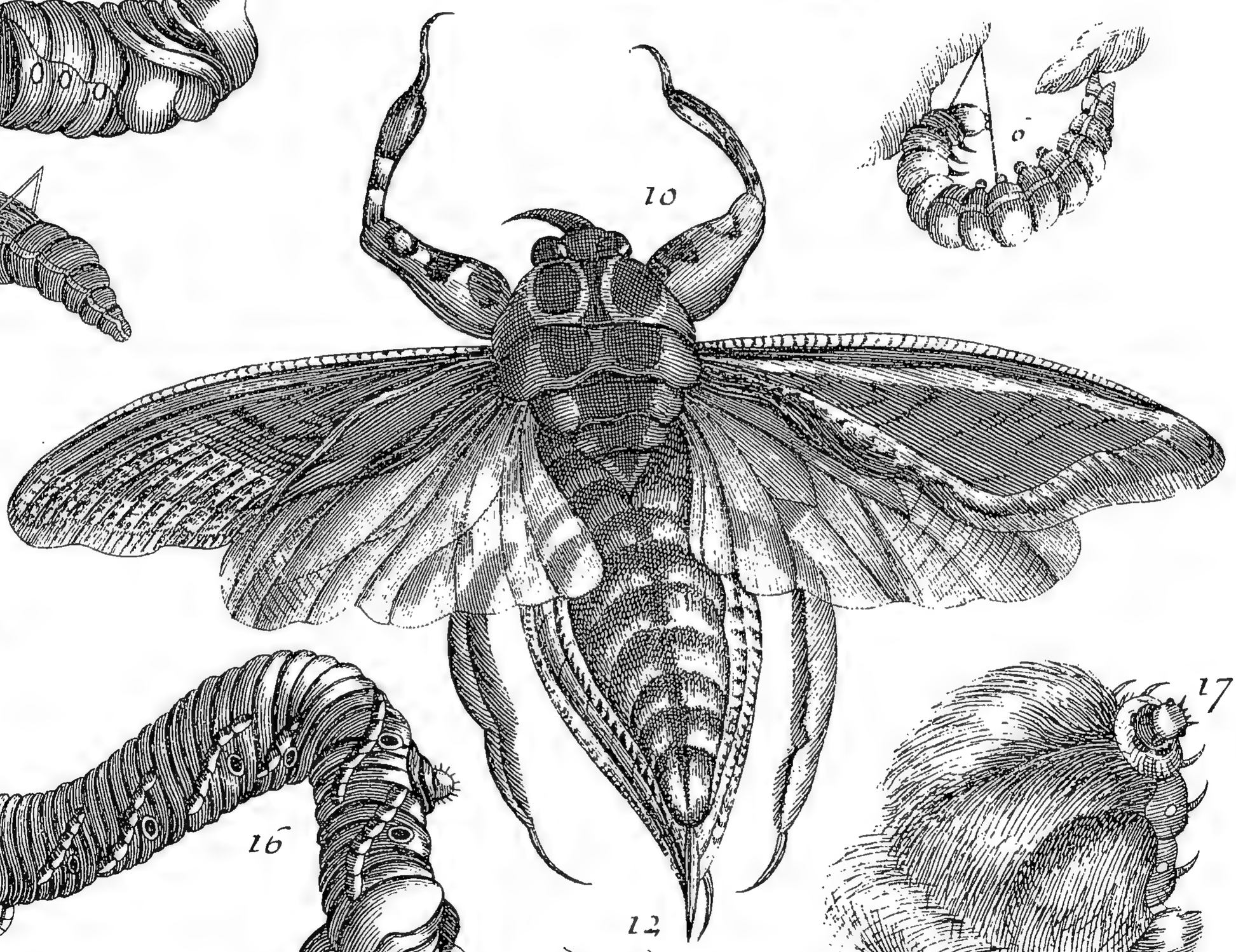
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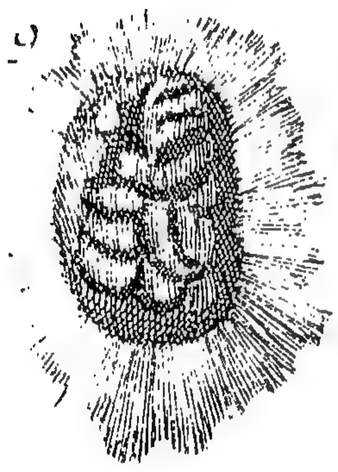
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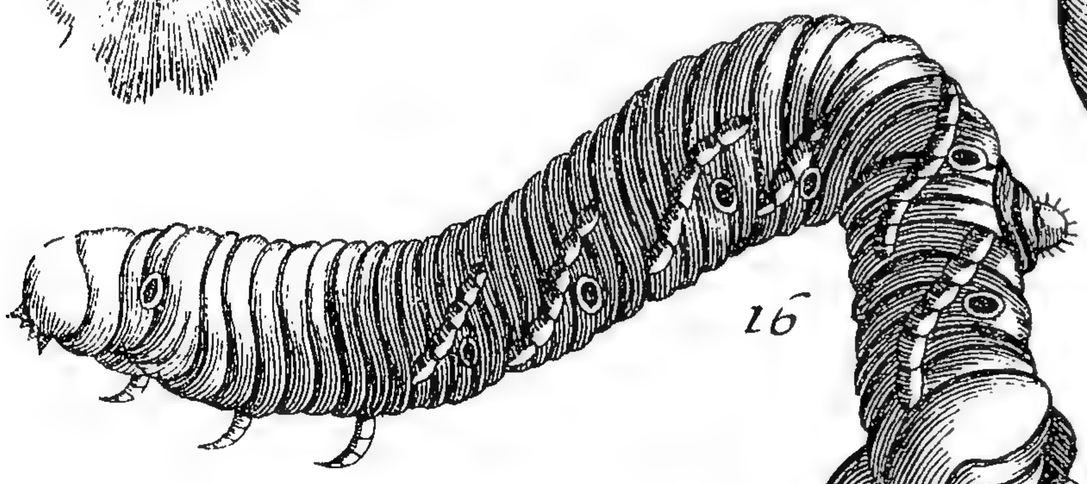


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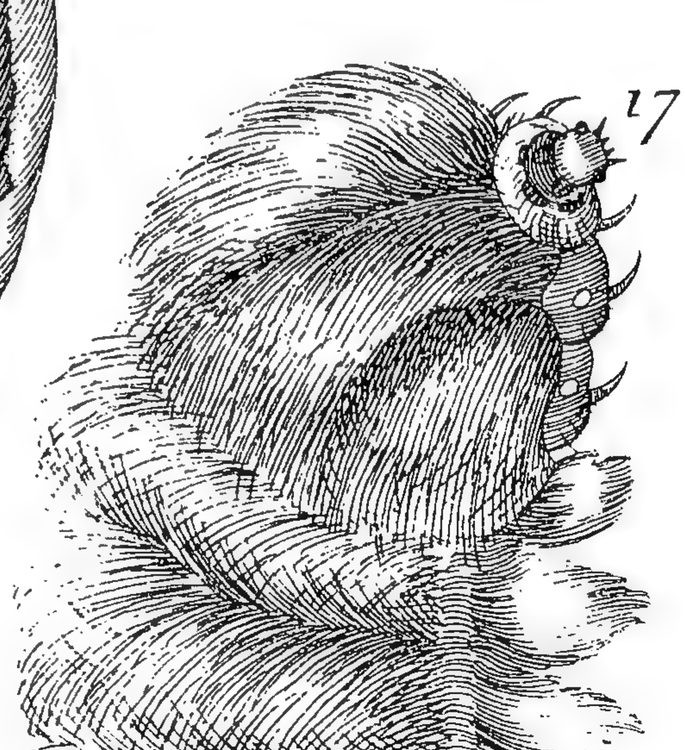


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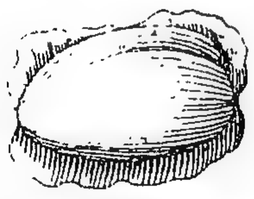
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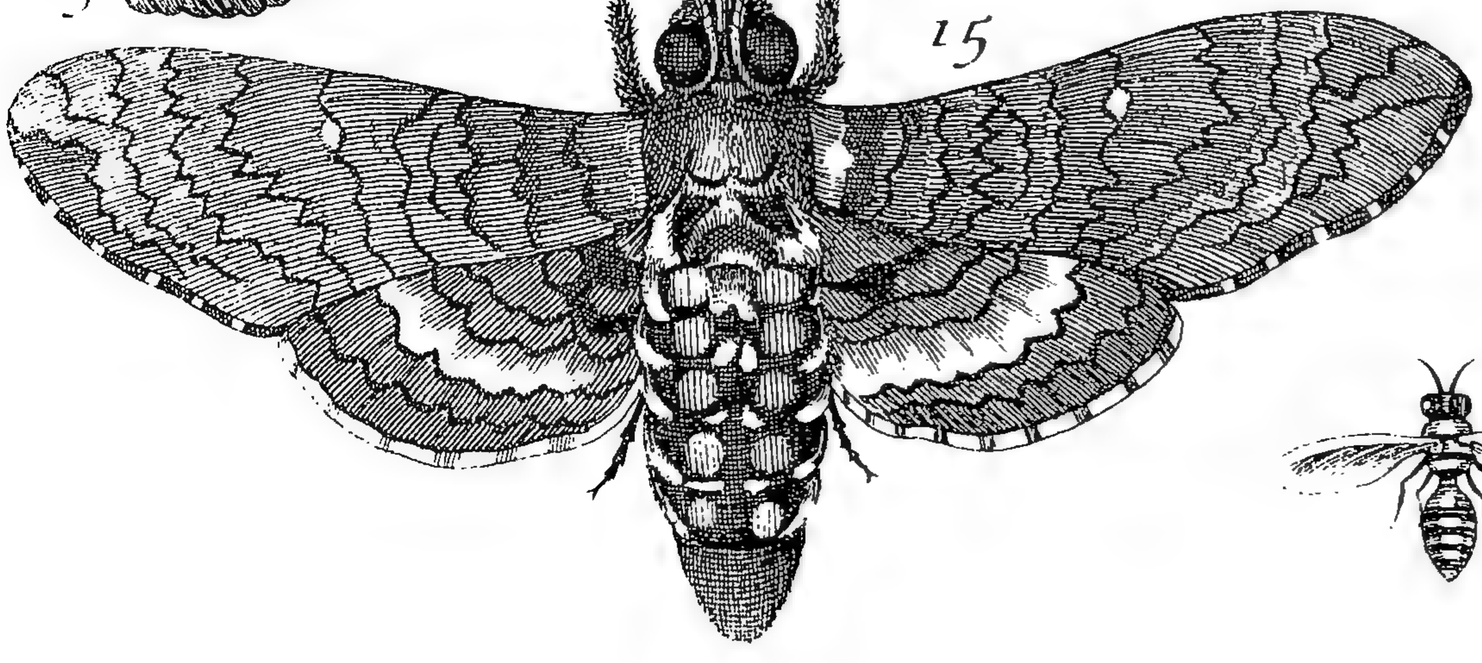
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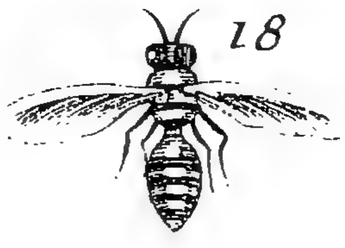
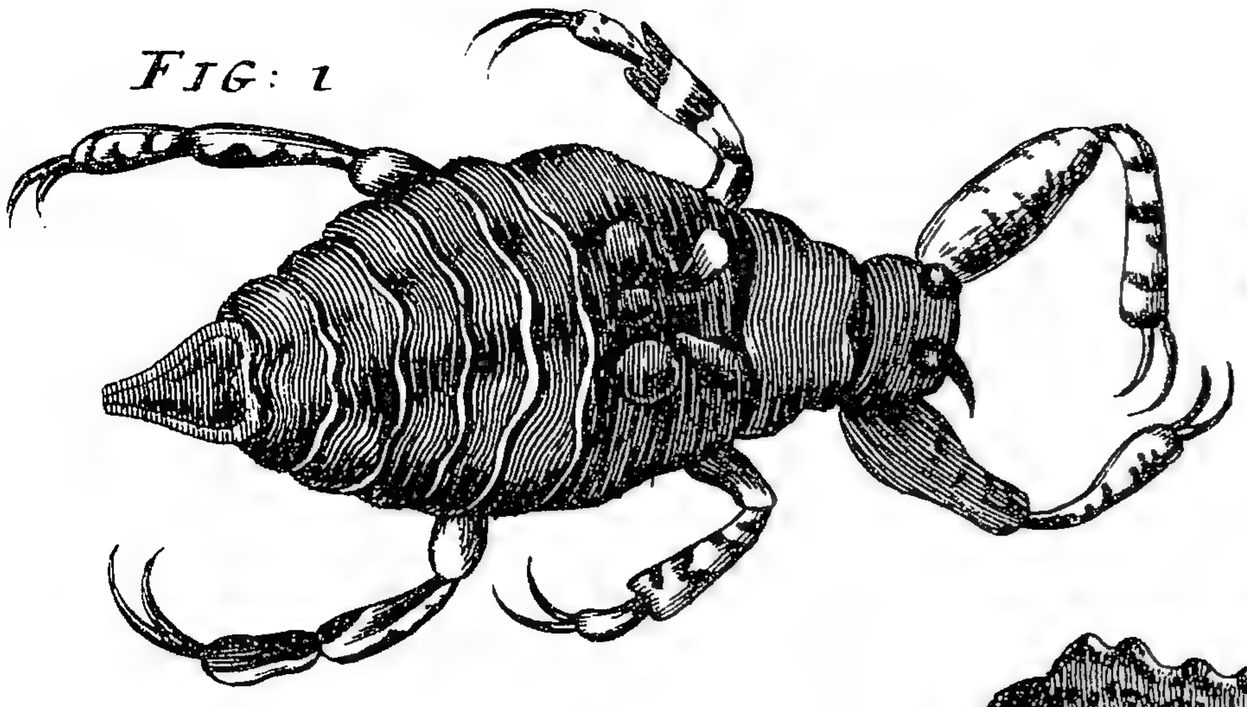
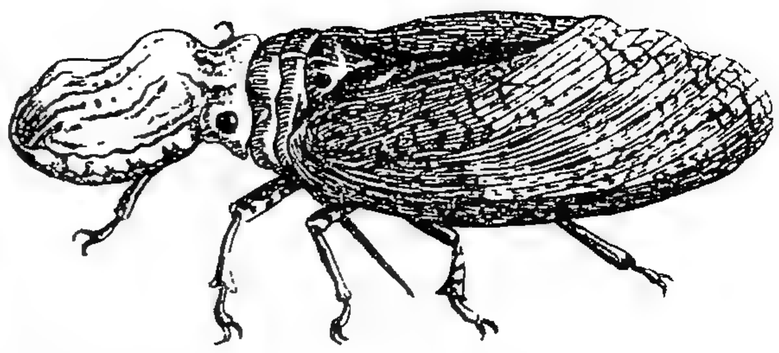
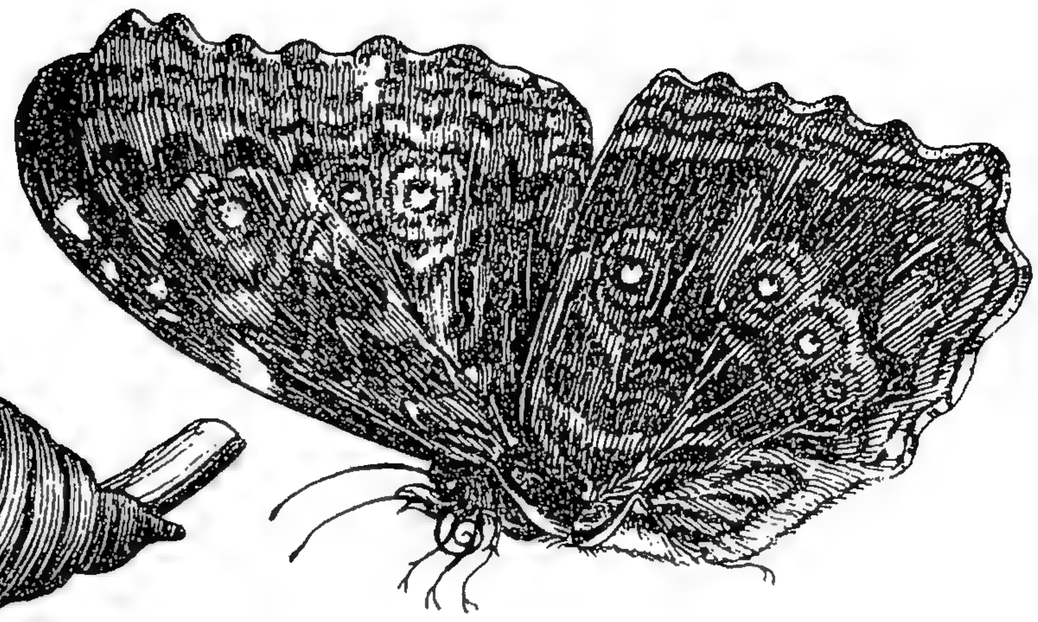


FIG: 1



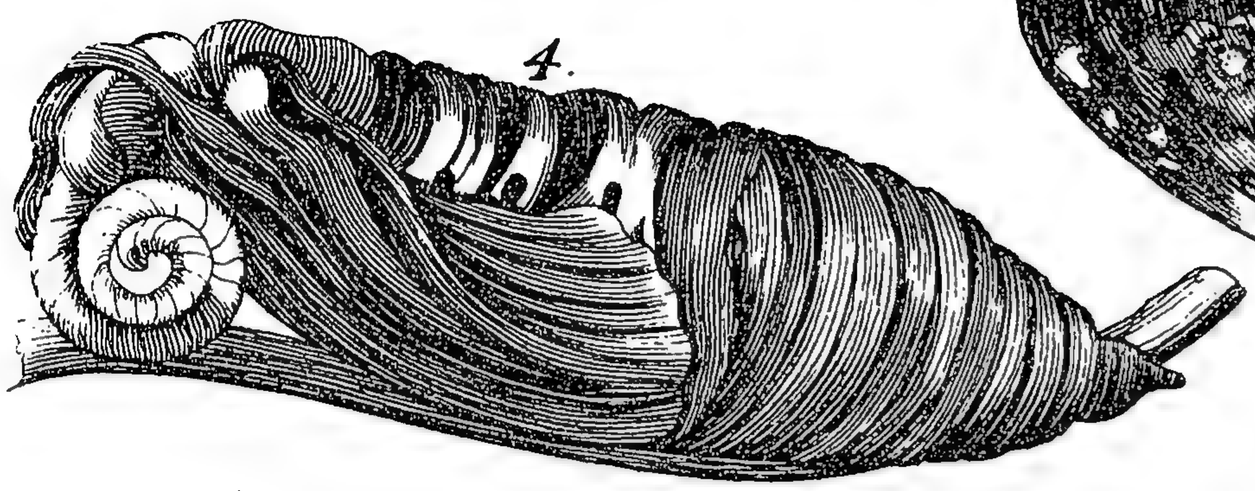
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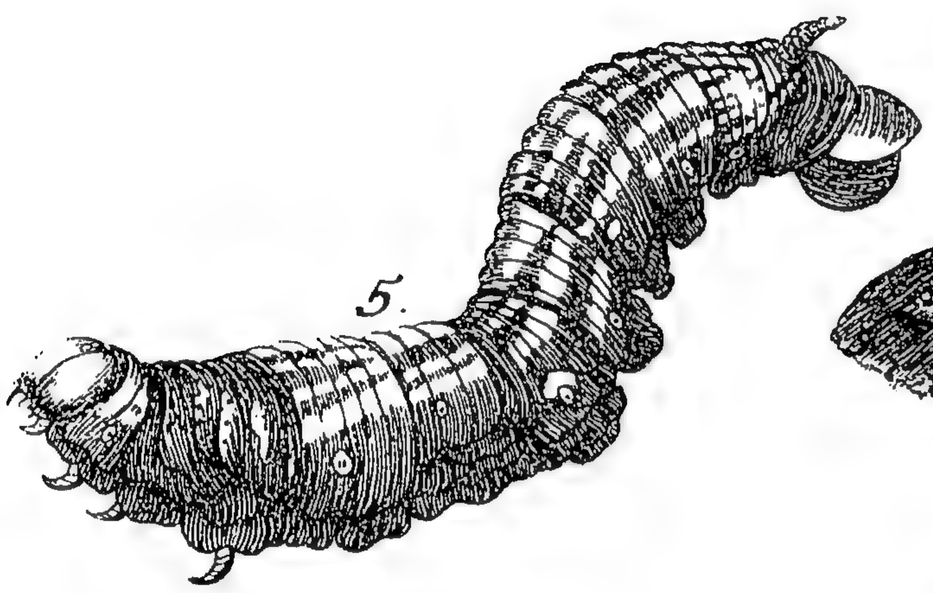




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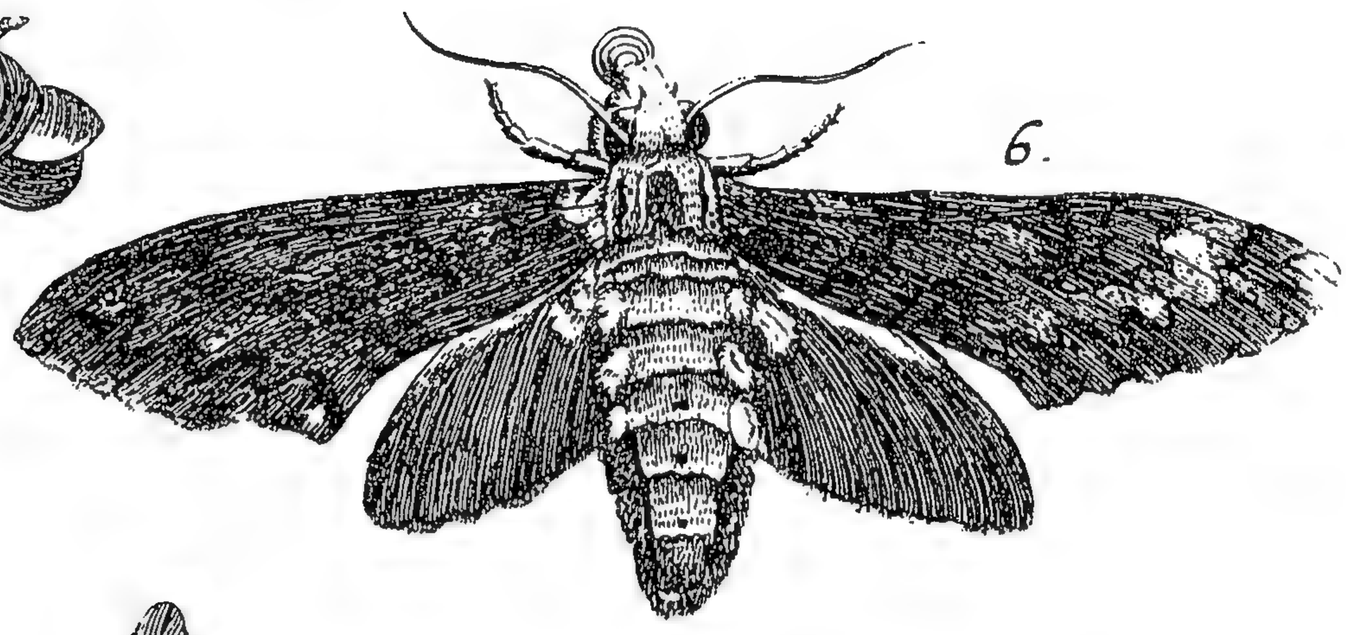
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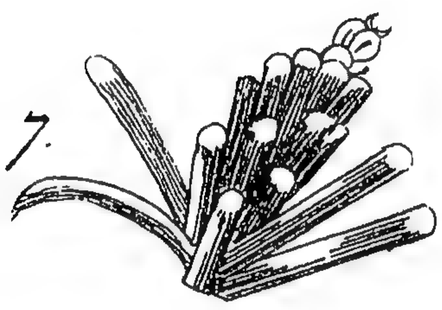


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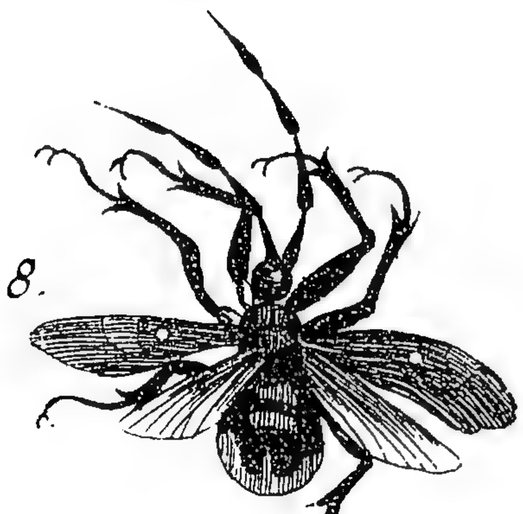


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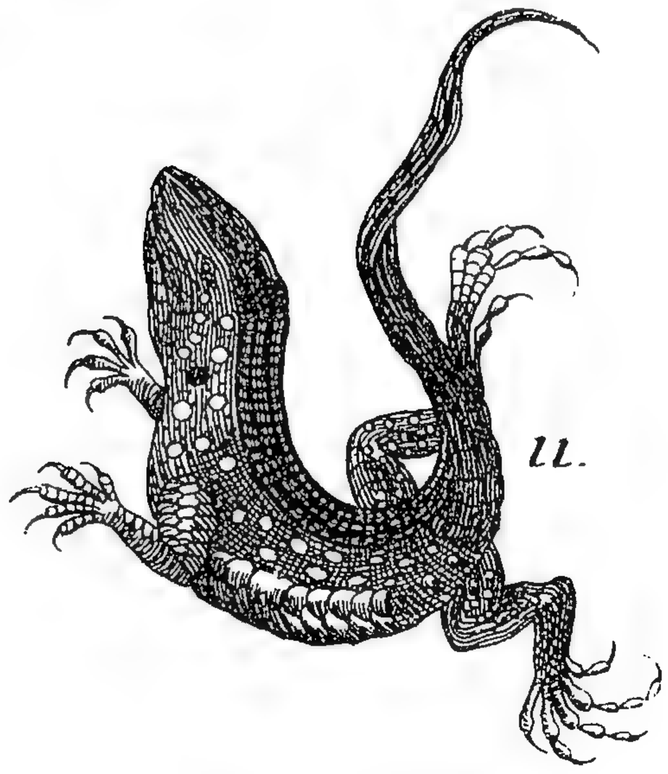


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11.



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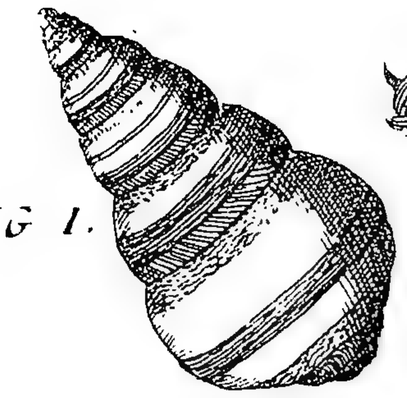




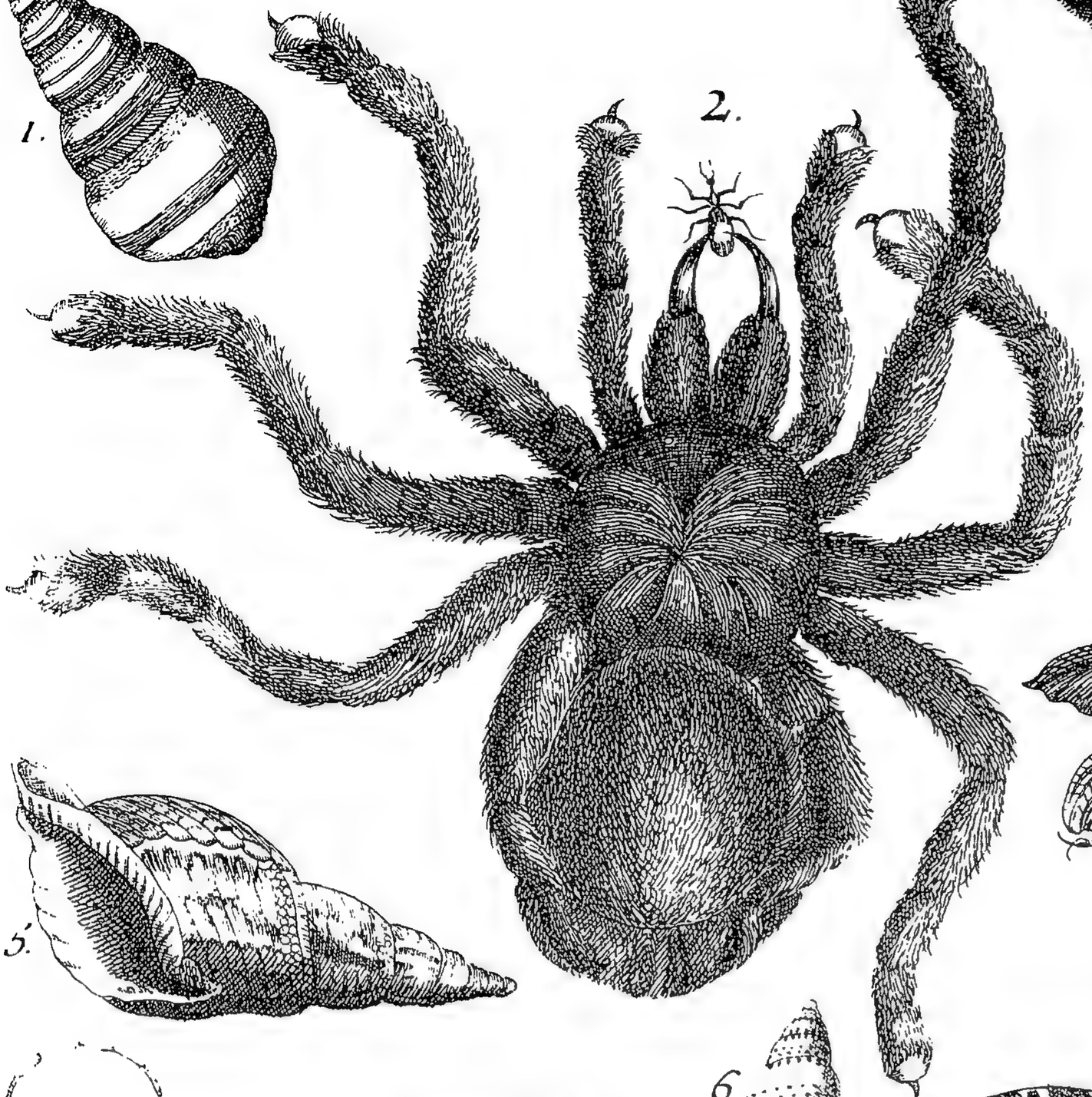
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S. Nicholls Sculp

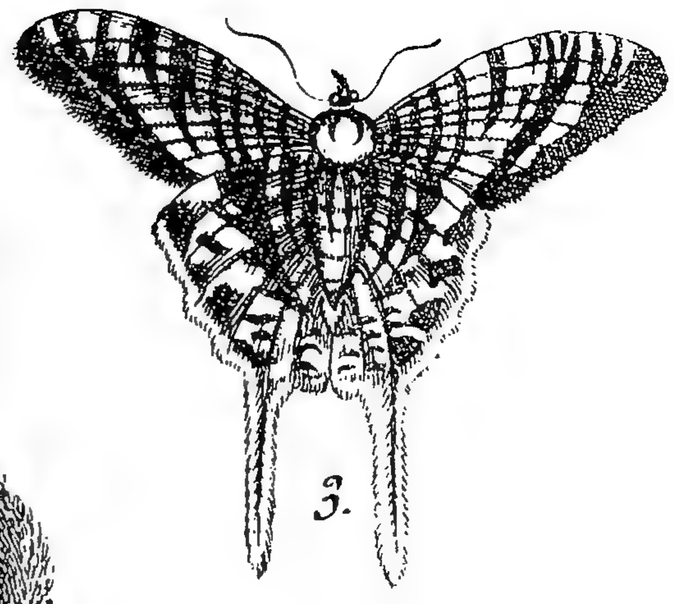
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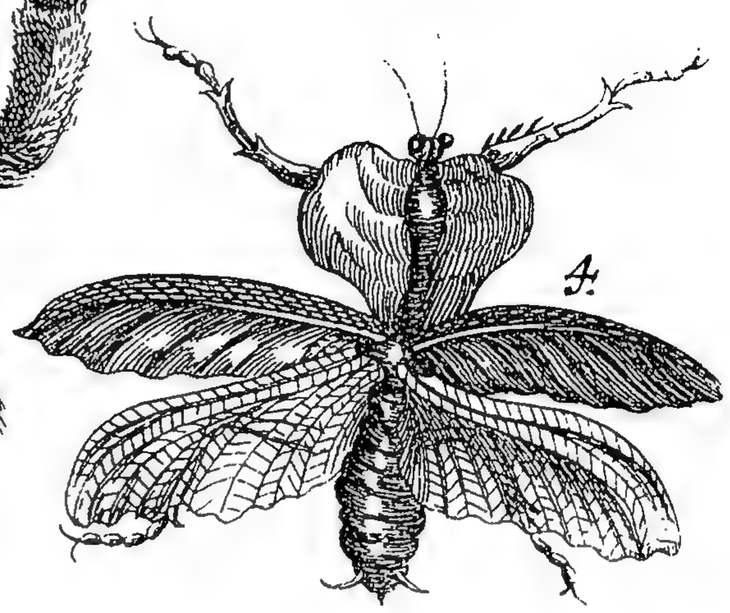
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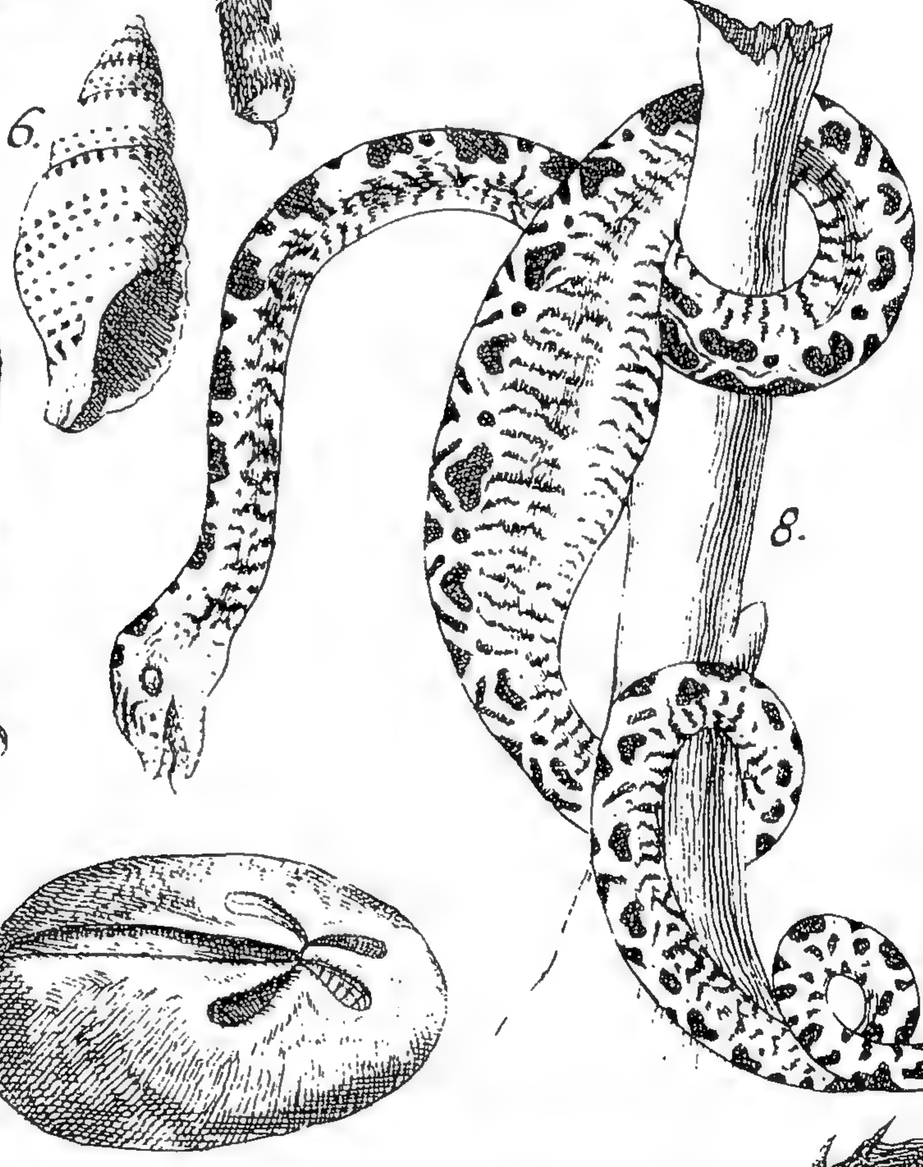


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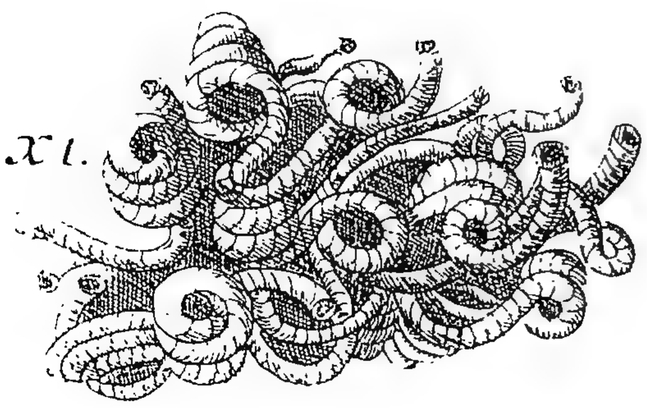
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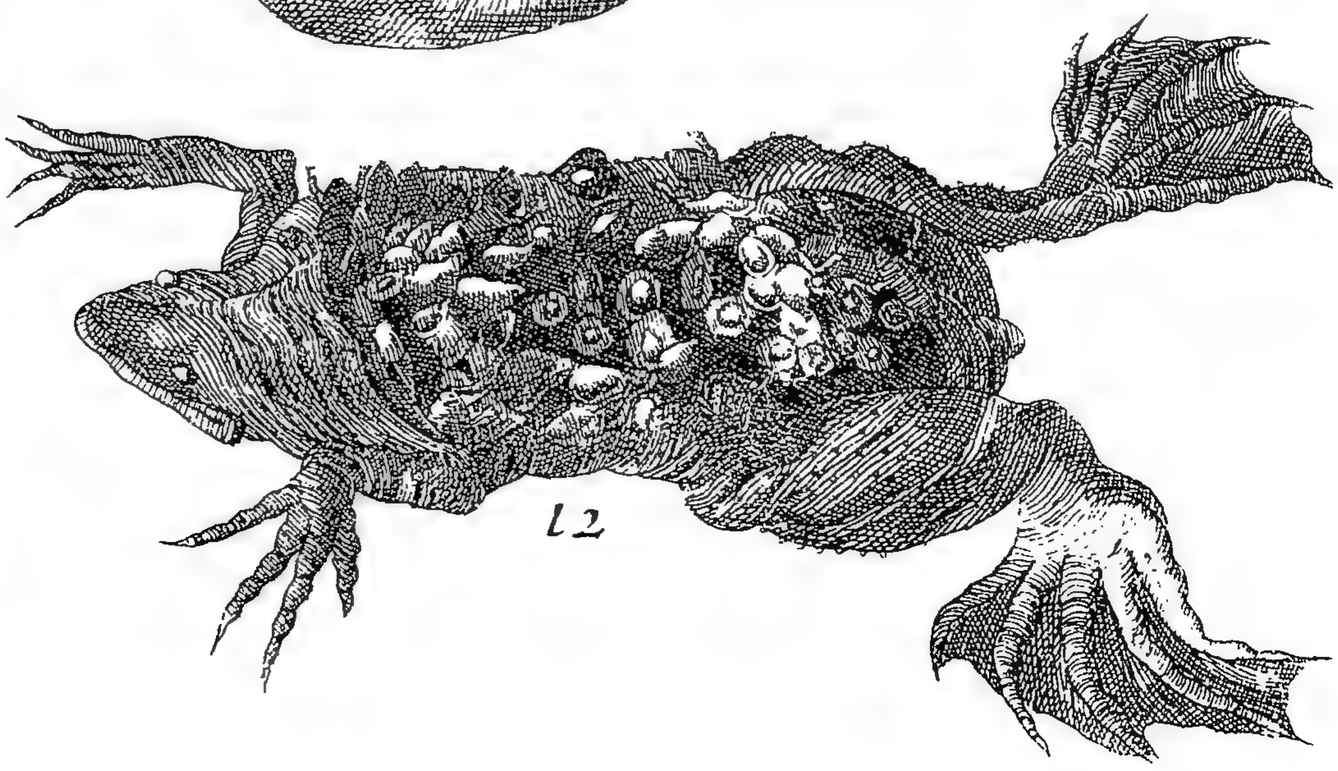
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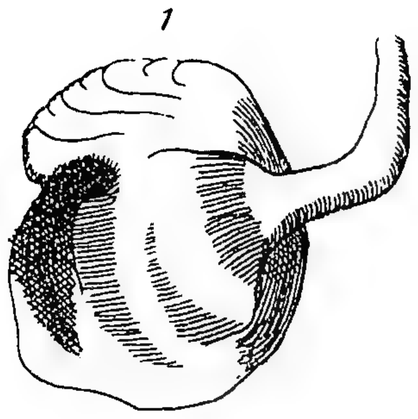
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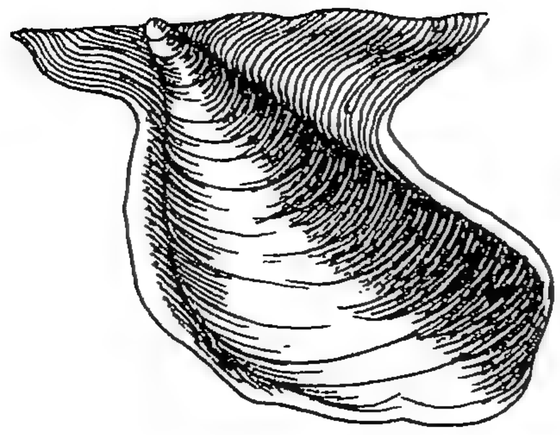
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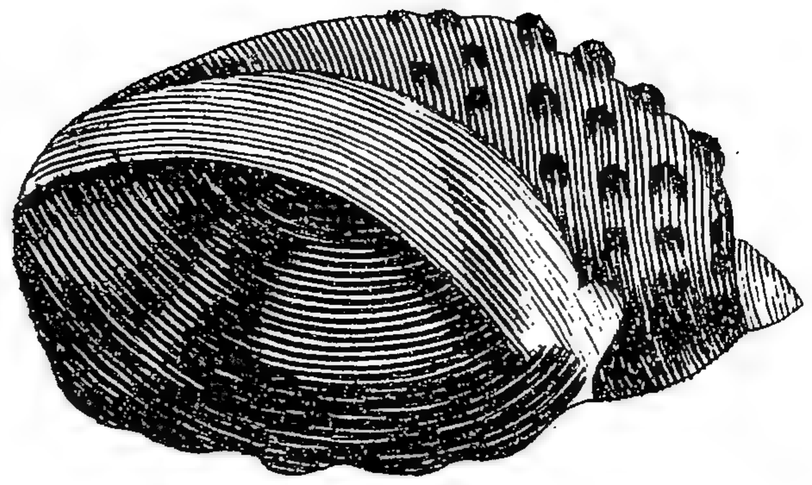
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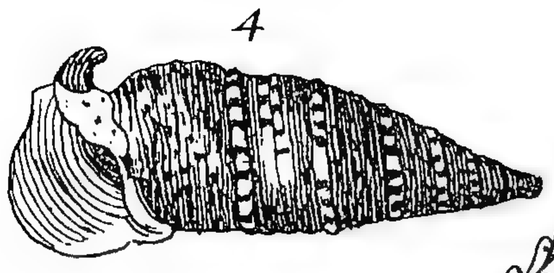
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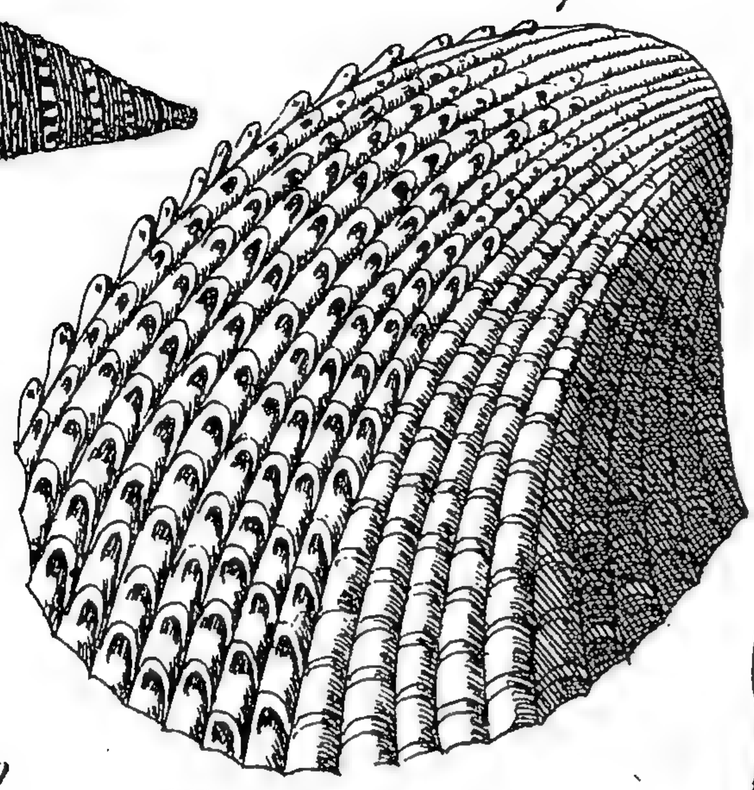
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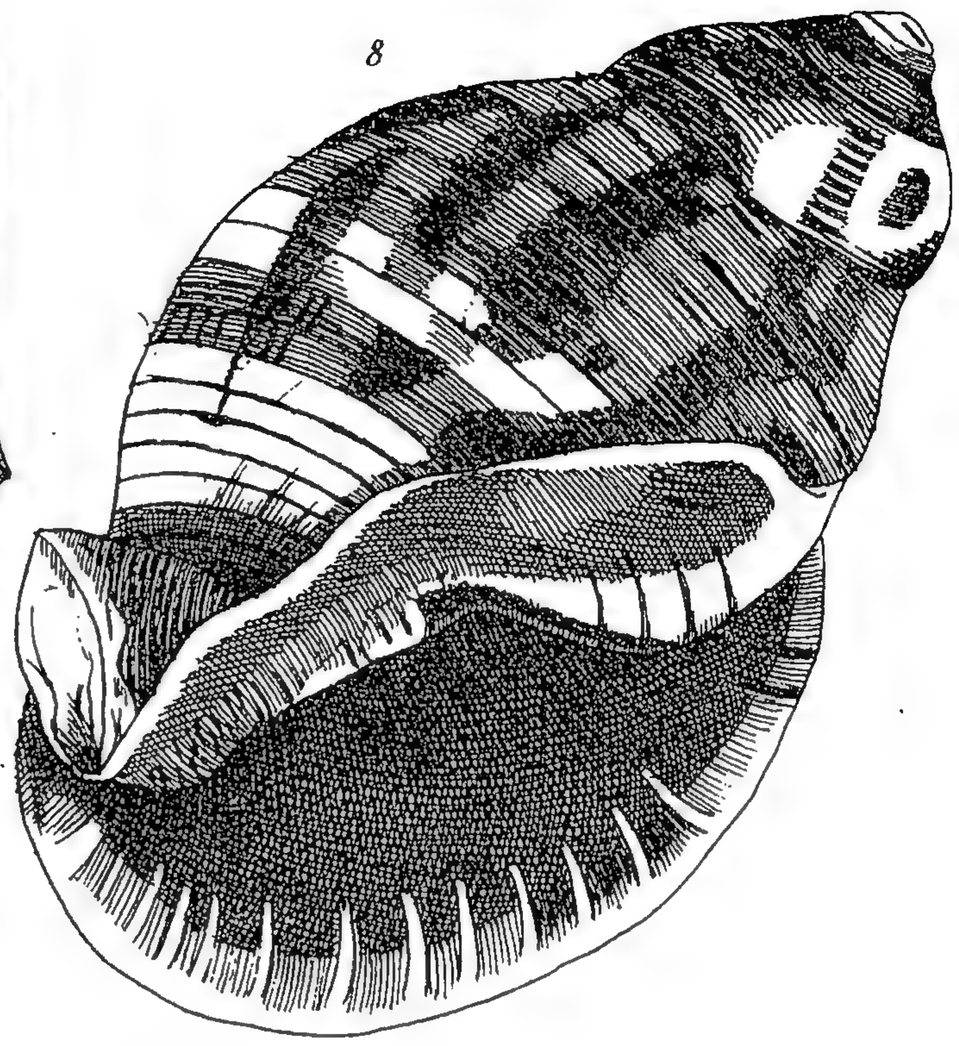
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8



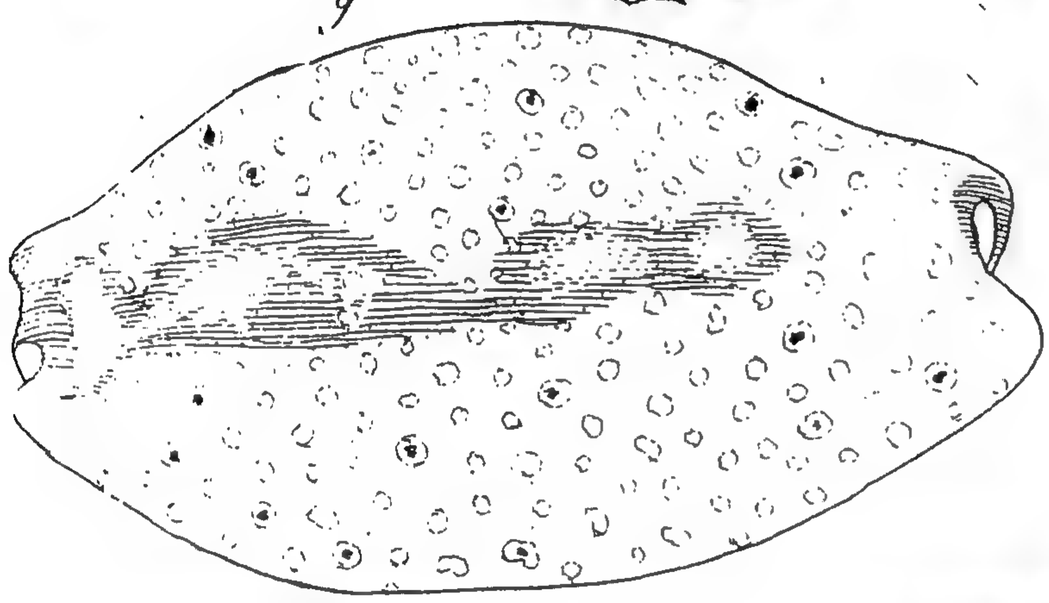
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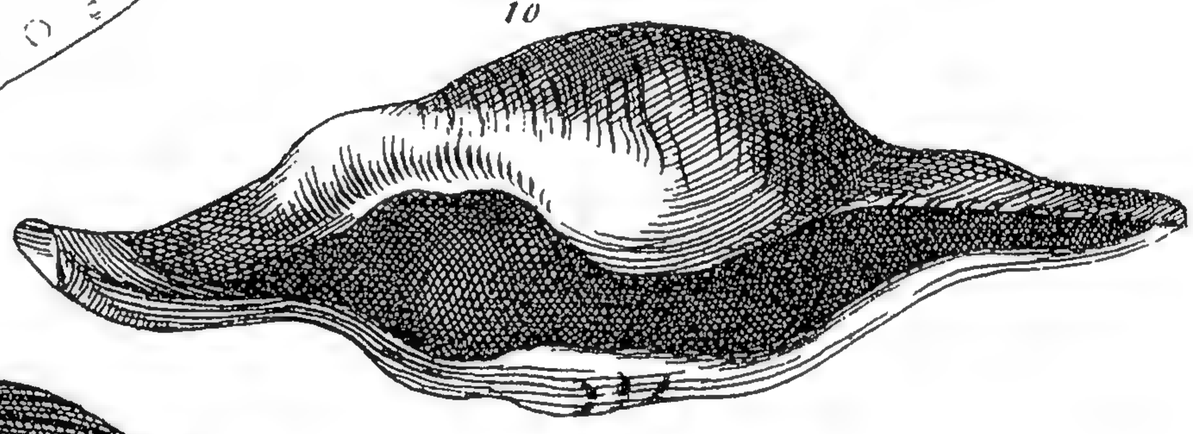
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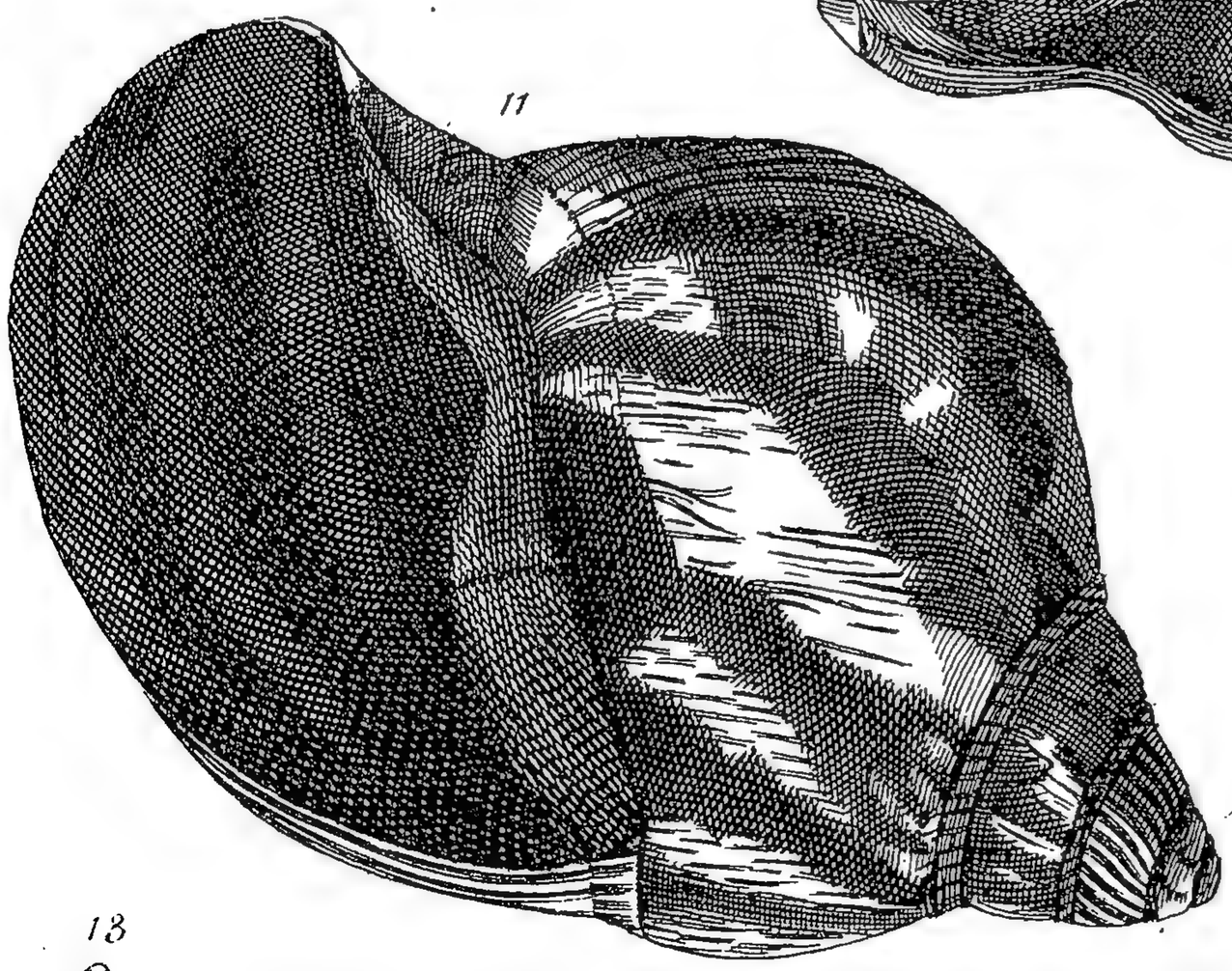
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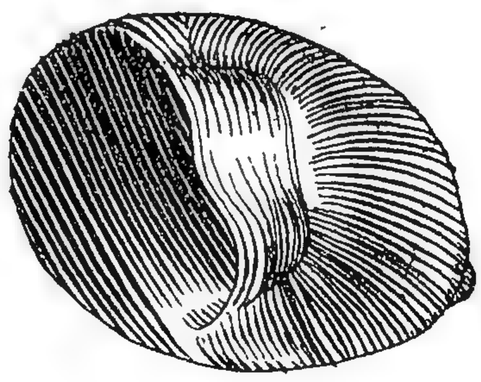
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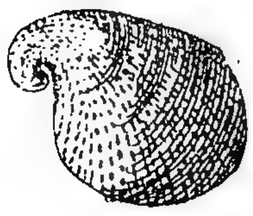
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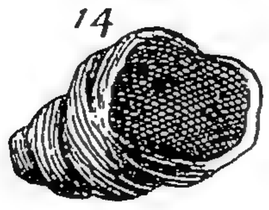
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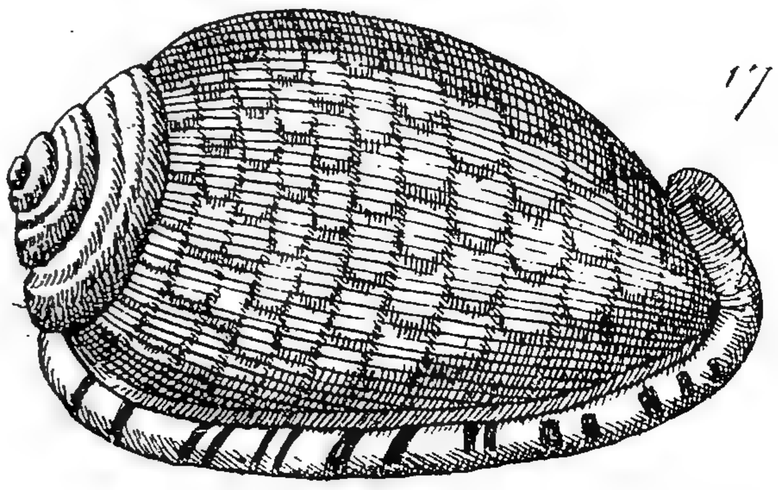
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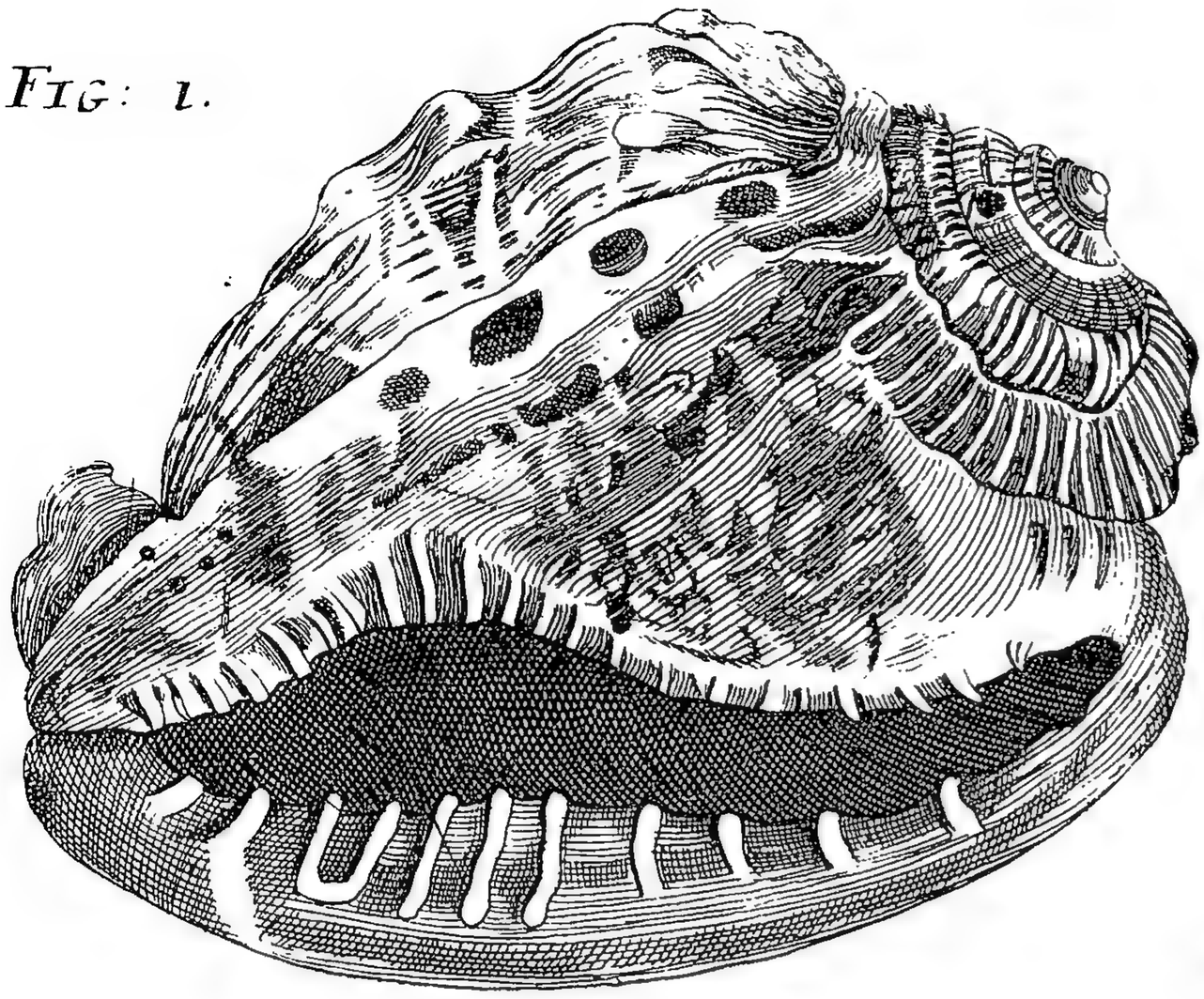


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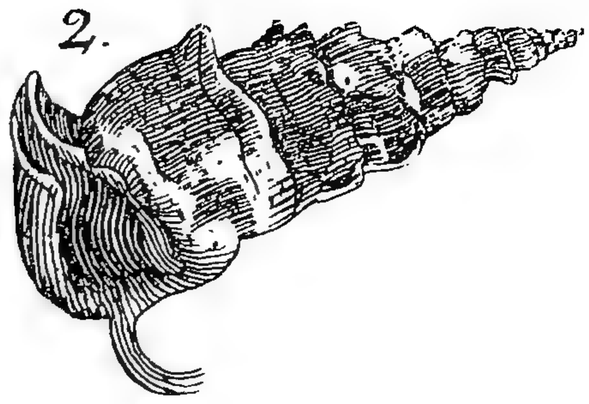


Sutton Nicholls fec.

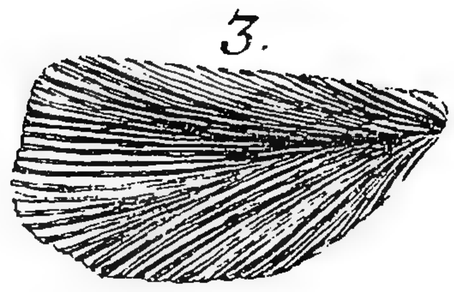
FIG: 1.



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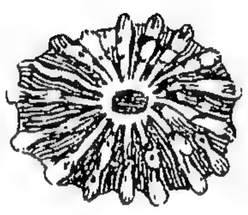
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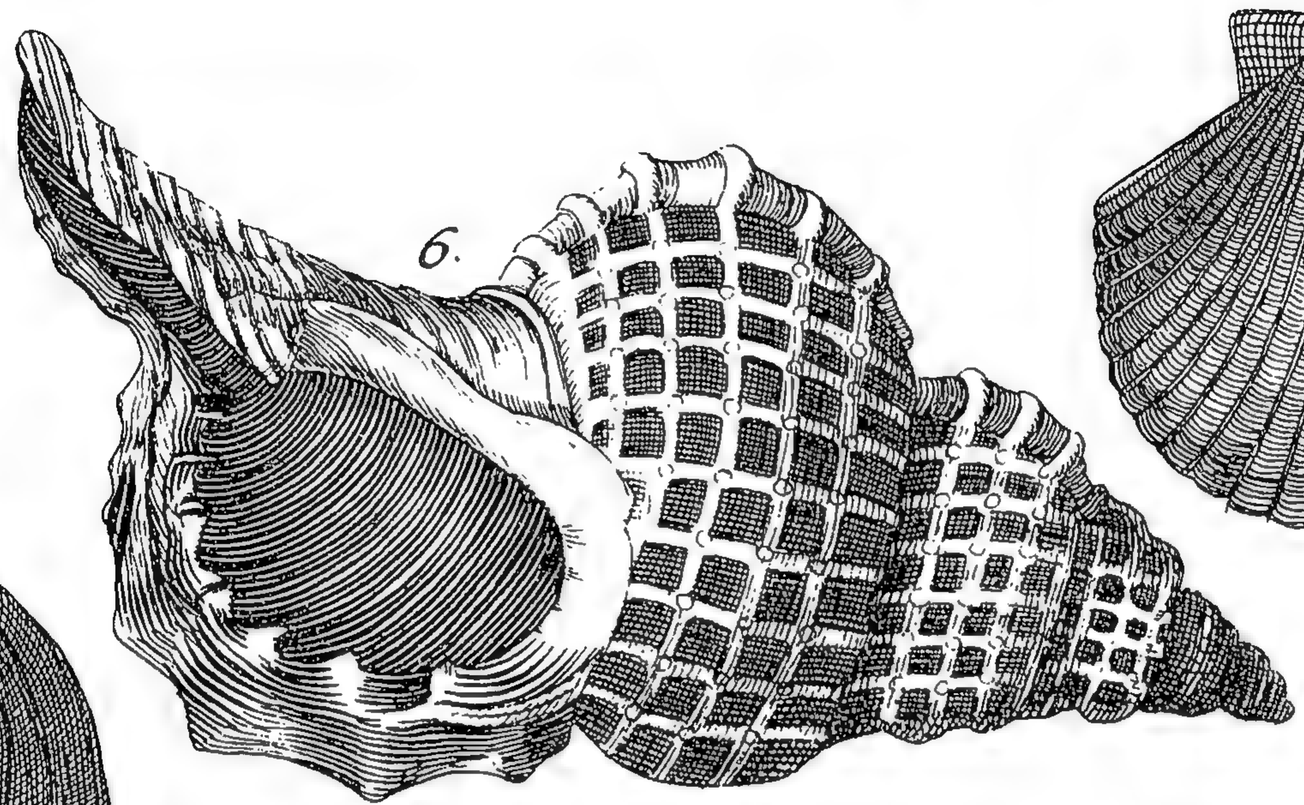
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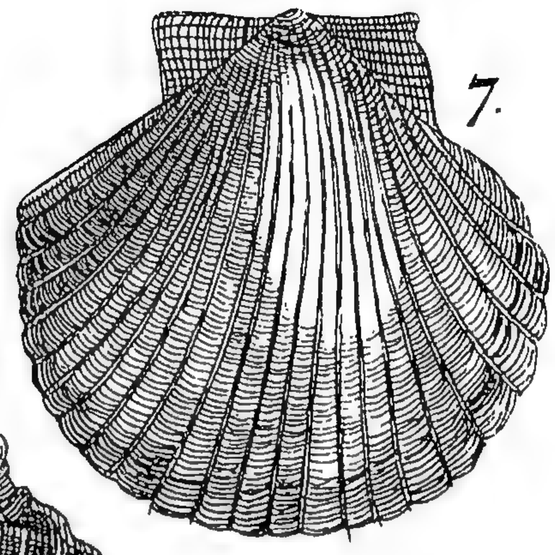
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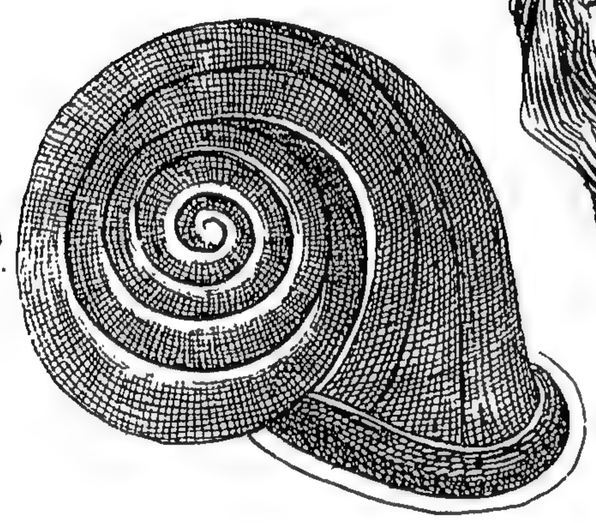
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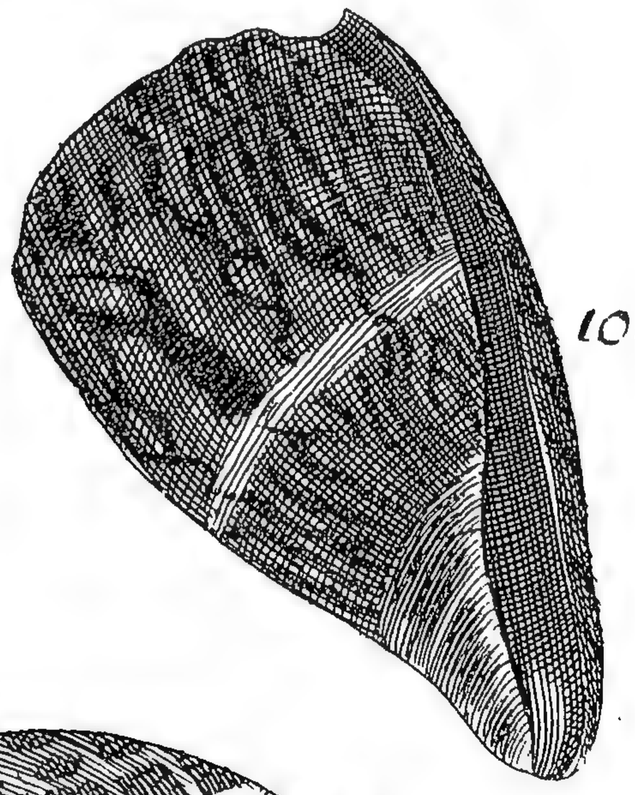
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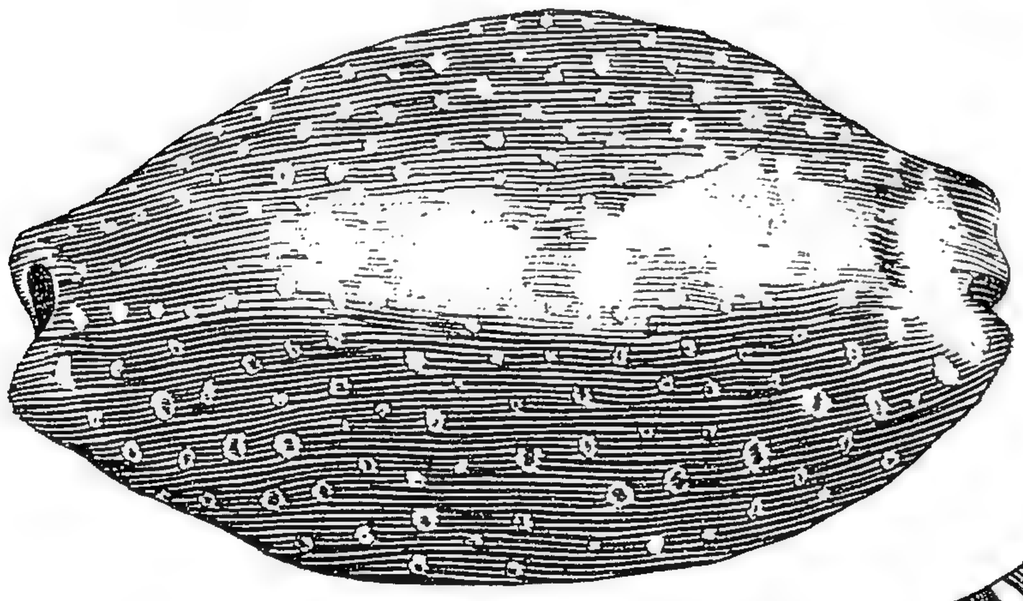
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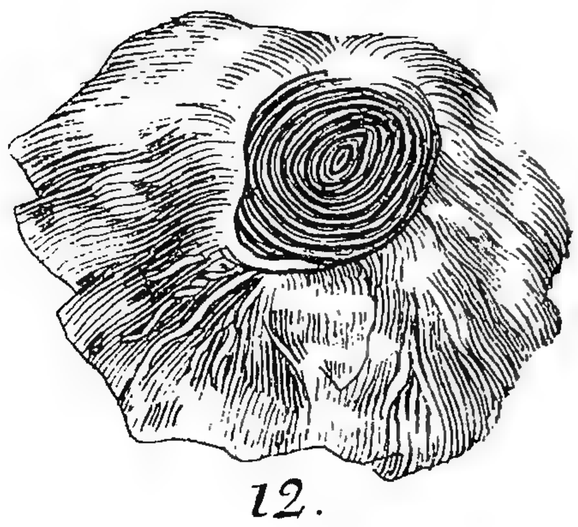
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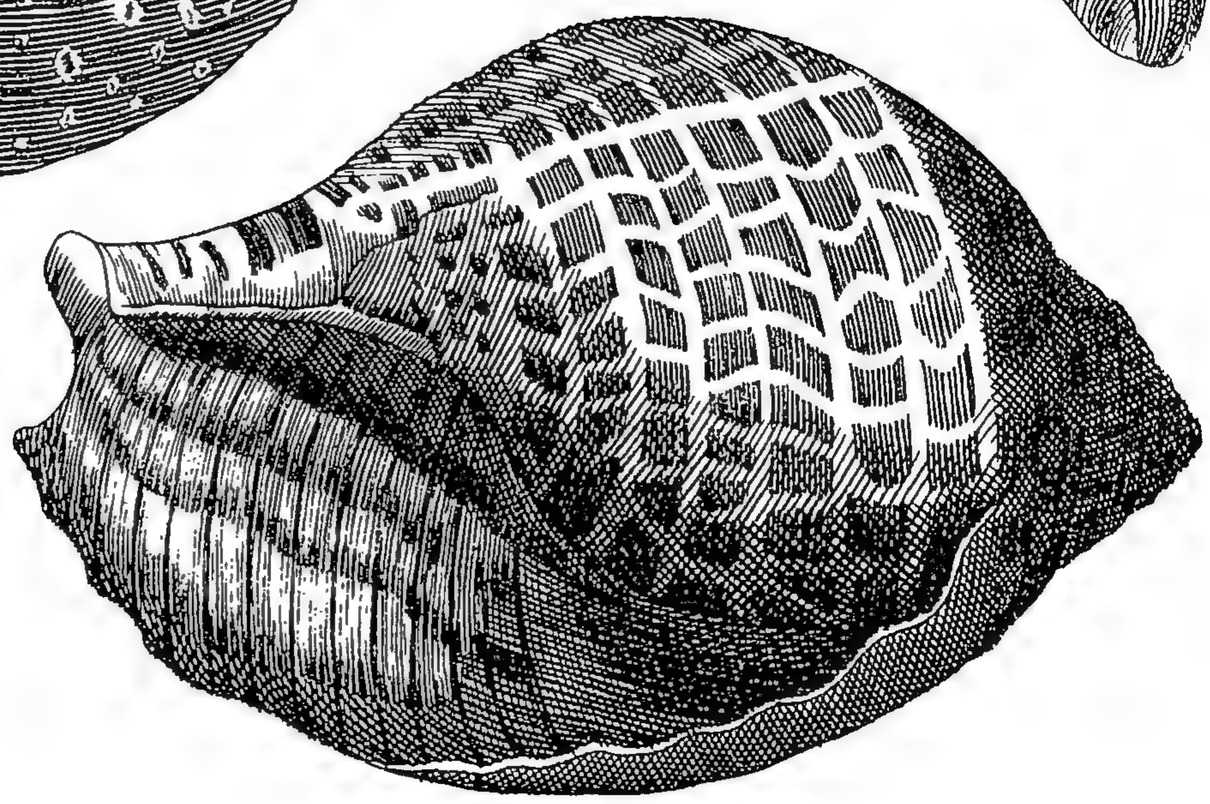
11.



12.



13.



Thorney Lion Lobster 1

Heart Crab 2

Black eyed Crab 3

Small red Lobster 4

Thornback Lobster 5

Hermit Crab 6

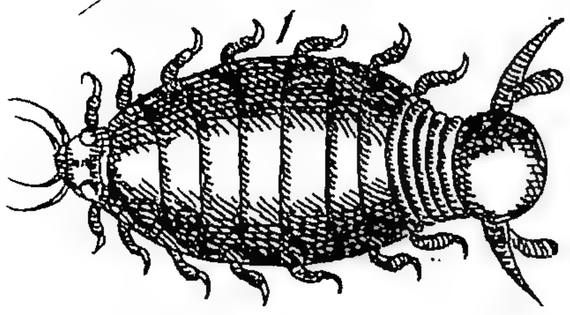
Carved Prawn or Sea Cricket 7

Great broad nearly Prawn 8

9 10 11 12 13

14

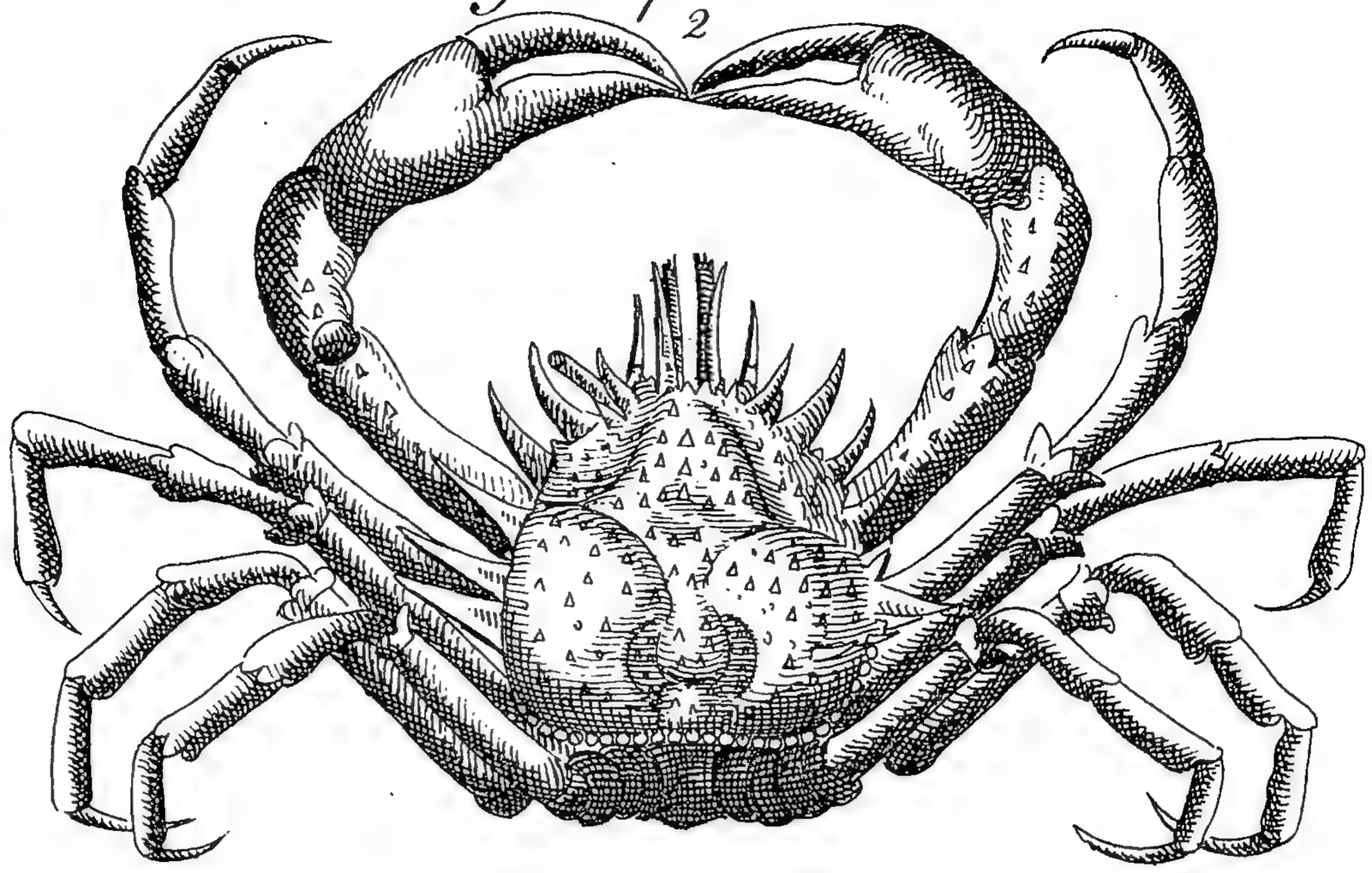
Sea Louse.
1



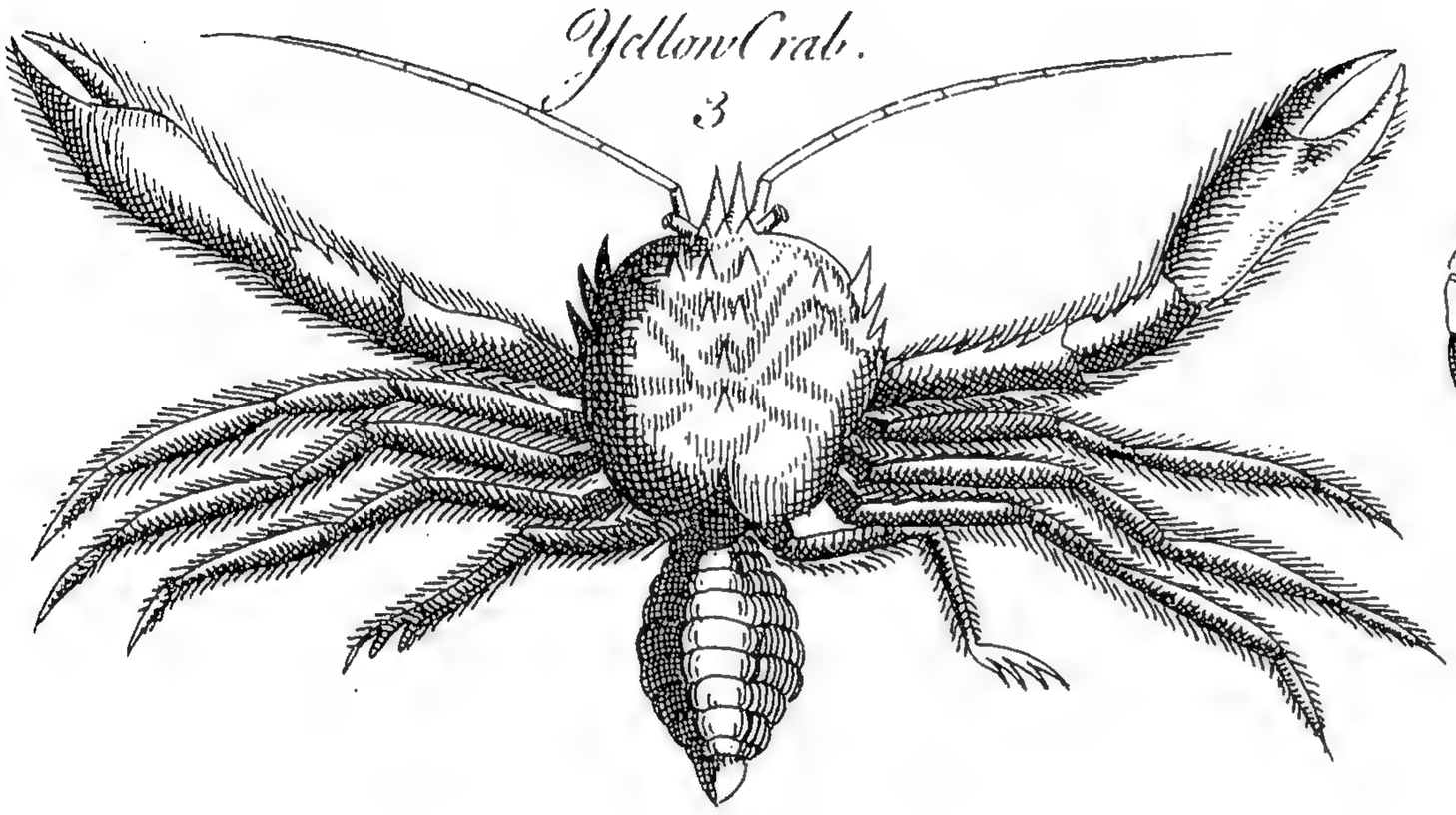
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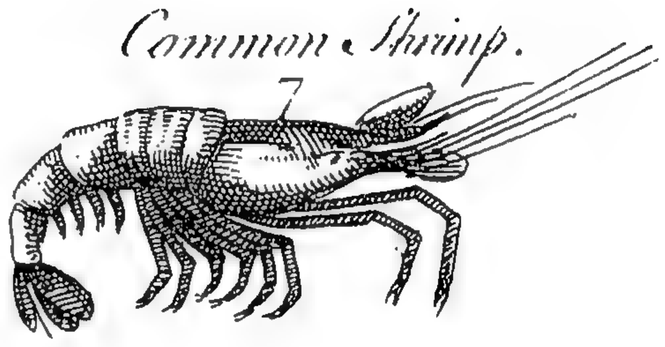
Great Spider Crab.
2



Yellow Crab.
3

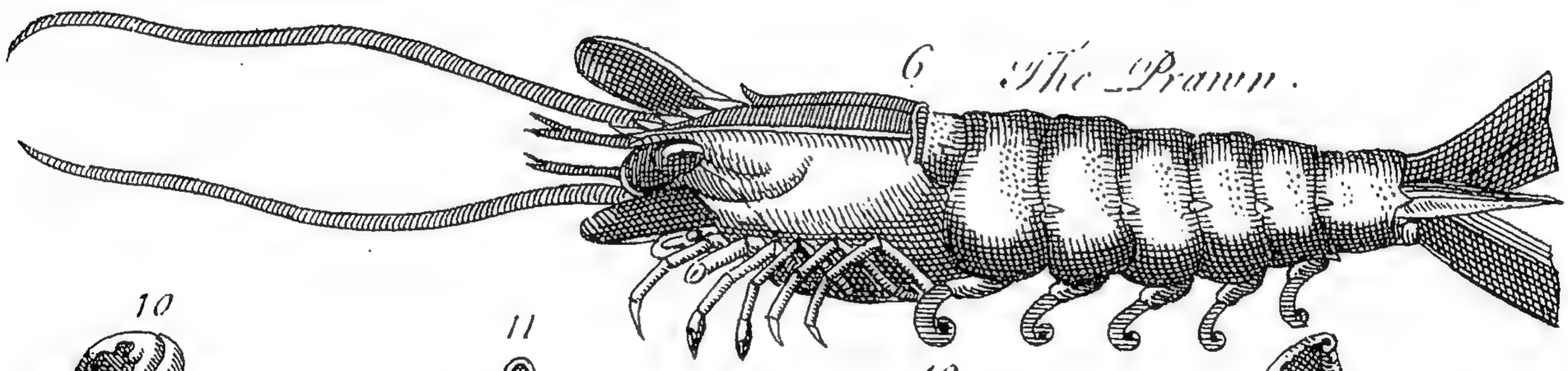


Common Shrimp.
7



Dutch Shrimp,
or little Bunting.
8





10



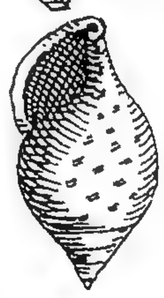
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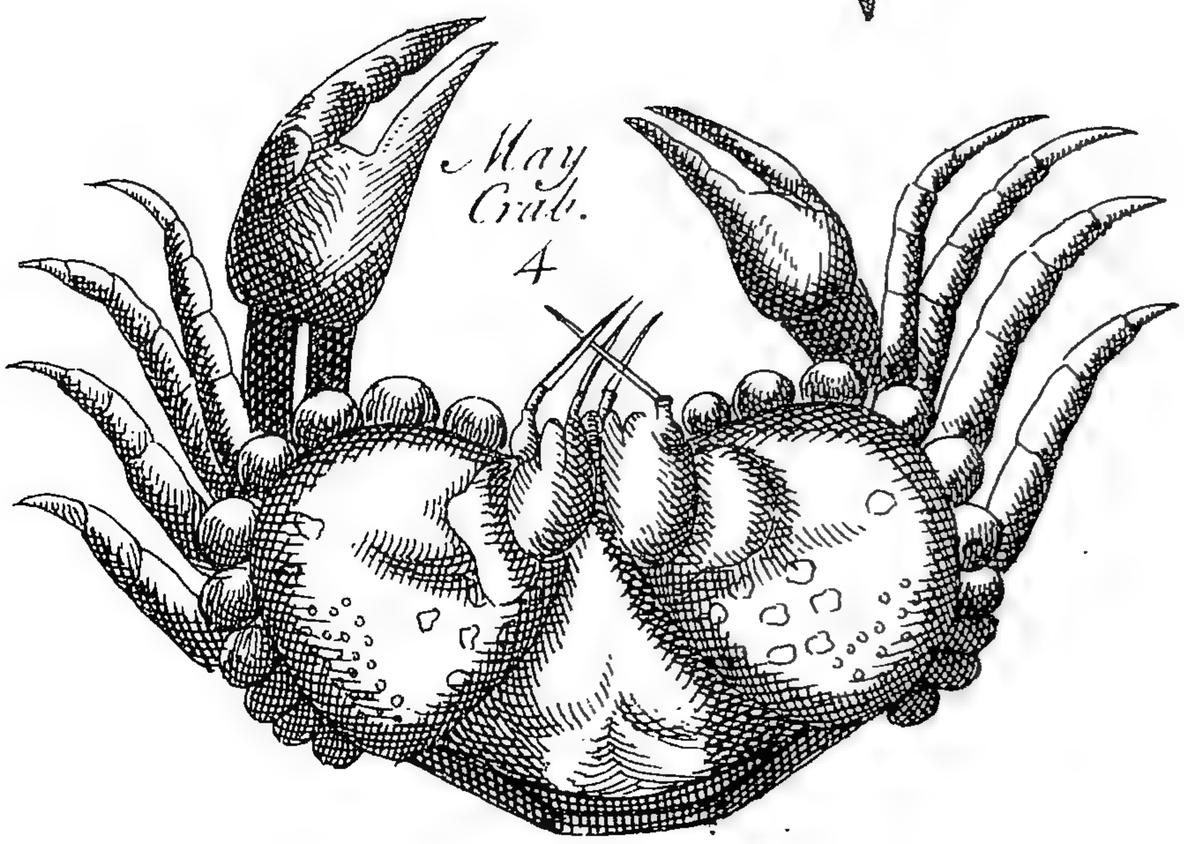
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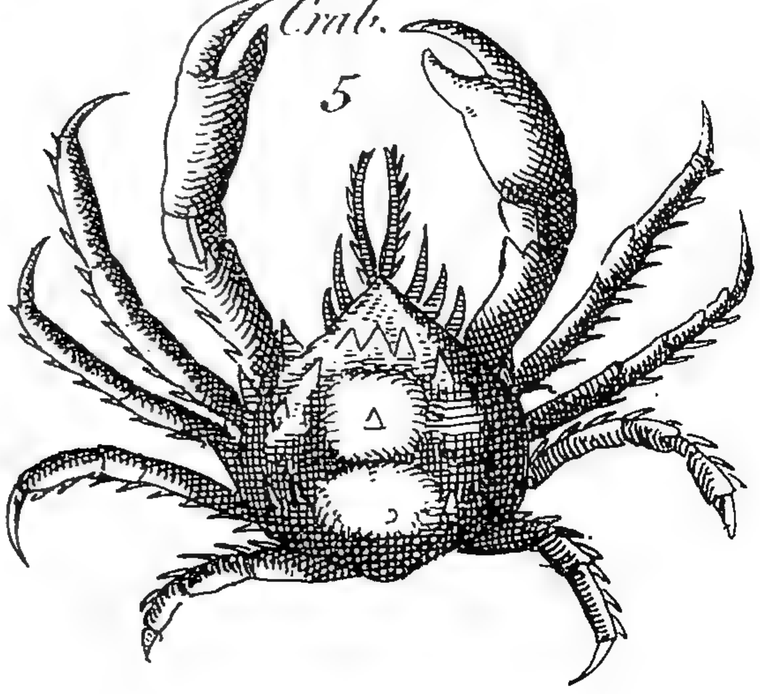
13



May
Crab.
4

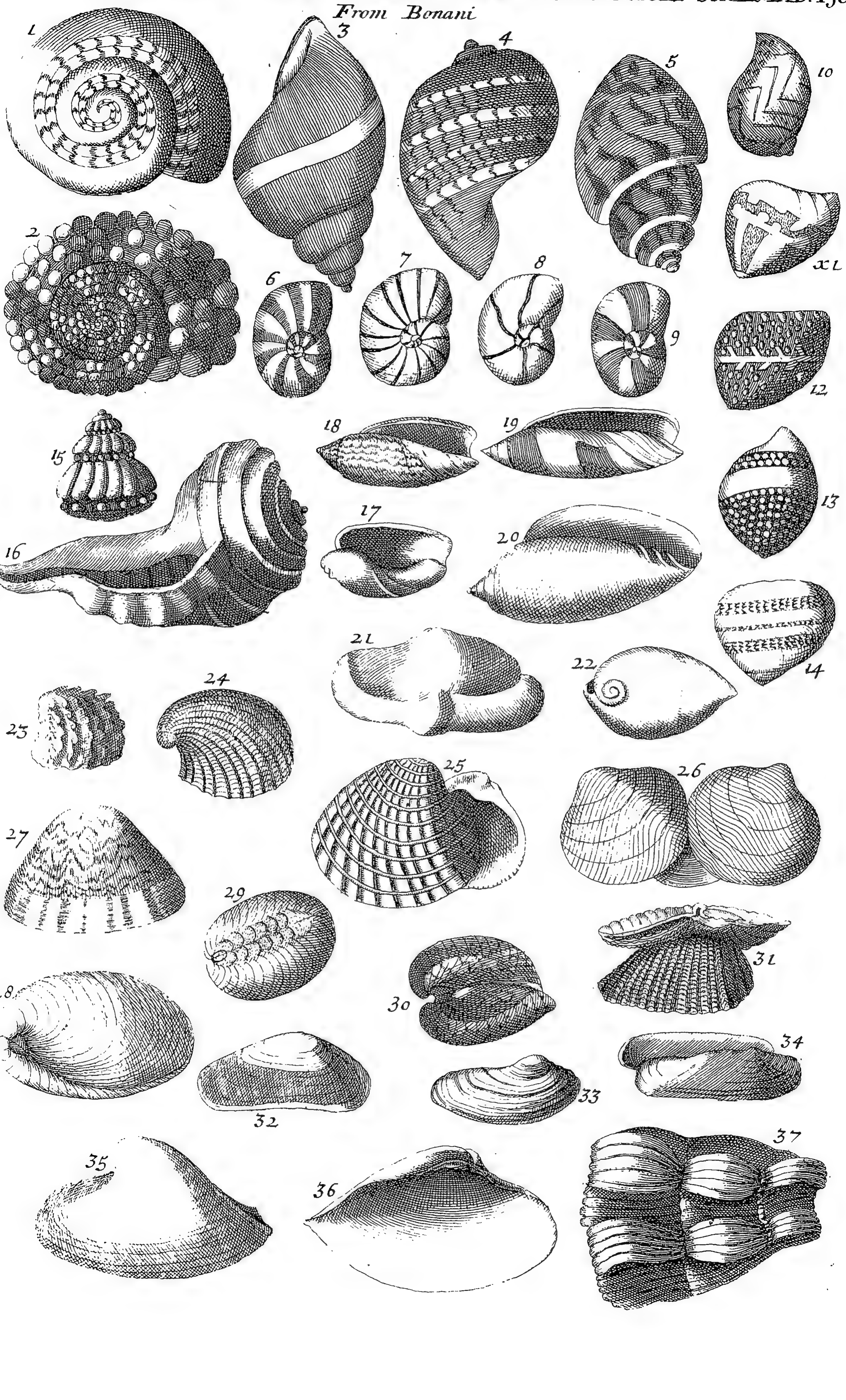


Hyndea
Crab.
5



Cochleæ Pernambuc. &c *BRASILIÆ*. Pernambuc & *other BRASIL* Shells. *TAB.* 156

From Bonani



PLANTS *already Engraved in Mr.* Petiver's ENGLISH HERBAL.

Herbs with Stamineous, Threddy *or* Blink *Flowers.*

SECT. I.

Male *Hops* Ray Hiſt. Plant. 156. Syn. 52. T. 1. F. 1.
Female *Hops.* Ray Hiſt. & Syn. id. Tab. 1. Fig. 2.
Male *Hemp.* Ray H. Pl. 158. 1. Syn. 53. Tab. 1. Fig. 3.
Female *Hemp.* Ray id. Tab. 1. Fig. 4:
Male *Dog's Mercury* R. 163. 1. Syn. 53. 1. T. 1. 5.
Female *Dog's Mercury* T. 1. 6.
Male *French Mercury* R. 163. 2. S. 54. T. 1. 7.
Female *French Mercury* R. 163. 2. S. 54. T. 1. 8.
Great *Nettle* Ray 160. 4. S. 54. 1. T. 1. 9.
Small *Nettle* Ray 161. 5 S. 54. T. 1. 10.
Roman *Nettle* Ray 161. 6. S. 54. 3. T. 1. 11.
Small *Burdock* Ray. 165. 1. S. 55. T. 1. 12.
Great Water *Dock* Ray 177. 4. Syn. 55. 1. Tab. 2. 1.
Curl'd Sharp *Dock* Ray 173. 6. Syn. 55. 3. T. 2. 2.
Smooth Sharp *Dock* Ray 173. 7. Syn. 56. 4. T. 2. 3.
Small ſharp *Dock* Ray 174. Syn. 56. Tab. 2. 4.
Nerv'd *Dock* Ray 174. 10. Syn. 56. T. 2. 5.
Bloodſt. *Dock* Tab. 2. Fig. 6.
Gold *Dock* Tab. 2. Fig. 7.
Fair Gold *Dock* Ray 174. 8. Syn. 56. 6. Tab. 2. 8.
Broad *Dock* Ray 173. 5. Syn. 55. 2. Tab. 2. 9.
Fiddle *Dock* Ray 174. 9. Syn. 56. 5. Tab. 2. 10.
Buck-wheat Ray 182. 1. Syn. 57. 1. Tab. 2. 11.
Trailing *Buck-wheat* Ray 182. 2. Syn. 57. 2. Tab. 2. 12.
Common *Sorrel* Ray 178. 1. Syn. 56. 8. Tab 3. 1.
Sheep's *Sorrel* Ray 180. 14. Syn. 56. 9.
Garden Sheep's Sorrel T. 3. 3.
Welſh *Sorrel* Ray Syn. 57. 10. T. 3. 4.
Common *Arſmart* Ray 182. Syn. 58. 1. Tab. 3. 5.
Creeping *Arſmart* Ray 183. 3. Syn. 58. 2. Tab. 3. 6.
Spotted *Arſmart* Ray 183. 2. Syn. 58. 3. Tab. 3. 7.
Spotted hoary *Arſmart* Tab. 3. 8.
Silver *Arſmart* Tab. 3. 9.
White branched *Arſmart* Tab. 3. 10.
Jeruſal. *Arſmart* Ray Syn. 58. Tab. 3. 11.
Amphibious Arſmart Ray 184. 6. Syn. 58. 4. Tab. 3. 12.
Common *Plantain* Ray 876. 1. Syn. 184. 1. Tab. 4. 1.
Horſe *Plantain* Tab. 4. 2.
Hairy *Plantain* Ray 877. 5. Syn. 184. 2. Tab. 4. 3.
Rock and ſpiked *Plantain* R. 876. Tab. 4. 4.
Ivy *Plantain* Ray 877. 4. Syn. 185. 3. Tab. 4. 5.
Common *Ribwort* Ray 877. 7. Syn. 185. 4. Tab. 4. 6.
Mountain *Ribwort* Ray Syn. 185. 7. Tab. 4. 7.
Creeping *Ribwort* Ray 877. 1. Tab. 4. 8.
Sea *Plantain* Ray 880. 5. Syn. 185. 5. Tab. 4. 9.
Buck-horn *Plantain* Ray 879. 3. Syn. 185. 6. Tab. 4. 10.
Great *Burnet* Ray 402. 2. Syn. 100. Tab. 4. 11.
Small *Burnet* Ray 401. 1. Syn. 100. Tab. 4. 12.
Common *Piſſort* Ray 186. 1. Syn. 59. Tab. 5. 1.
Sharp *Piſſort* Ray 187. 4. Syn. 60. 2. Tab. 5. 2.
Welſh *Piſſort* Ray 187. 6. Syn. 60. 3. Tab. 5. 3.
Broad *Pondweed* Ray 188. 1. Syn. 60. 1. Tab. 5. 4.
Long *Pondweed* Ray 188. 2. Syn. 61. 2. Tab. 5. 5.
Round *Pondweed* Ray 188. 3. Syn. 61. 3. Tab. 5. 6.
Broad *Pondweed* Tab. 5. Fig. 7.
Plain *Pondweed* Ray 189. 4. Syn. 61. 4. Tab. 5. 8.
Curl'd *Pondweed* Ray 189. 5. Syn. 61. 5. Tab. 5. 9.
Broad Graſs *Pondweed* Tab. 5. Fig. 10.
Narrow Graſs *Pondweed* Tab. 5. Fig. 11.
Fine Graſs *Pondweed* Ray 189. 7. Syn. 61. 7. Tab. 5. 12.
Fennel *Pondweed* Tab. 5. Fig. 13.
Taſſel *Pondweed* Ray 190. 10. Syn. 62. 10. Tab. 6. 1.
Horned *Pondweed* Ray 190. 13. Syn. 281. Tab. 6. 2.
Water *Starwort* Ray 1323. Syn. 280. 1. Tab. 6. 3.
Long Water *Starwort* Ray Syn. 280. 2. Tab. 6. 4.
Feather *Pondweed* Ray 191. Syn. 279. Tab. 6. 5.
Fine Feather *Pondweed* Tab. 6. Fig. 6.
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Aquatilium Animalium AMBOINÆ, &c.

ICONES & NOMINA.

Containing near 400 Figures, *engraven on* Copper Plates *of* Aquatick *Cruſtaceous and Teſtaceous* Animals; *as* Lobſters, Crawfiſh, Prawns, Shrimps, Sea-Urchins, Eggs, Buttons, Stars, Couries, Concks, Perywinkles, Whelks, Oyſters, Muſcles, Cockles, Frills, Purrs, Scallops, *with divers other Sorts of* Sea *and* River Shell-fiſh; *all found about* Amboina, *and the* Neighbouring INDIAN Shores, *with their* Latin, Engliſh, Dutch, *and* Native *Names.*

By JAMES PETIVER, *Apothecary*; F. R. S. *London.*

Tab. 1. S Fig. 1. *Squilla* arenaria marina *Rumphii.* pag. 5. N°. 2. *Zee-ſand Kreeft* Belgis. *Sand Praun.*

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4. *Cancer* ſaxatilis R. 9. c. 6. M. *Cattam battu* Amb. & *Mal.* Steenkreeft B. *Stone Crab.*

5. *Cancer* marinus ſulcatus R. 11. 2. O. *Yhu Hatan*, i. e. *Cattam Cara* A. Blok-Krabbe B. *Furrow-Crab.*

6. *Cancer* marin. lævis. rarus *Nobis* R. 11. Z. agte Zee-Krab B. *Phœnix Crab.*

7. *Cancer* ſpinoſus R. 16. *Rotz Krabbe* B. Great warty Crab.

8. *Cancer* ruber R. 18. c. 17. *Cattam Saliſſa* M. Yu Salil-Amb. & *Leytimorenſibus.* Roode Krabbe B. *Red ſpotted Crab.*

9. *Echinus* ſulcatus 1. R. 36. C. *Doods-hooſd* B. Sea Fur-rowed Star-head.

10. *Echinus* planus 1. R. 37. E. *Zee Real* B. Sea Star Cake.

11. *Echinus* planus 4. R. 37. H. *Wrinkled Star-Cake.*

12. *Echinus* planus 5. R. 37. I. *Zonne ſtraalde Pannekoek* B. Rayed Cake.

13. *Echinus* 4. Sepultura Principis R. 120. *Prince Begraffenis* B. Prince Stamper.

14. *Harpa* nobilis R. 104. 8 L. *Edele Harpen* B. *Fair-Maid.*

15. *Mitra Epiſcopi* R. 79. 11 K. Biſchops Myter B. *Biſhops Myter.*

16. *Strombus* 4. R. 100. 4 D. Wit geplekte pen B. *White-ſpotted Pen.*

17. *Voluta Muſicalis* R. 102. 3 D. Letterhoorn B. *Horn-Letter.*

18. *Concha* marina, 4. ſ. *Auricula* marinum R. 39. 4 A. *Sabon* Amb. *Bintang Laut* M. *Zeepaſtje* B. *Knobbed Sea Ear.*

19. *Chama literata* Zeylonenſis *Nobis* R. 139. 3 L. Xulatie, *Letter Sculpje* B. Ceylon *Letter Fellen.*

20. *Echinus* mar. *eſculentus* R. 31. 1 C. Senuakki A. *Anay* Amb. Sepelakke *in* Loehoe. *Iken Hutam Leytimor.* Zee Appel B. *Common Sea Apple.*

21. *Concha* ſcalare verum R. 175. 24 A. *Wenteltrap* B. Kock-Stair-Caſe.

22. *Pecten* 13 R. 143. O. *Bia Sabandar* M. Kleine Bontemantel B. *Sabandar* Scallop.

23. *Strombus* R. 84. 2 B. Kleyne geſlakte Bezoar-hoorn B. *Small Lira Caſket.*

24. *Squilla* lata Mas. ſ. *Urſa Cancer* R. 8. c. 2. Uhut A. *Udang Laut Lekar* M. Udang Bladook *Java.* Myu Uhut Cattam Gonoſſo *Leyt.* Beere Kreeft B. *Male Bear-Prawn.*

25. *Patella* 3 R. 121. 1. C. Many-ridg'd *Limpet.*

26. *Turbinata* 91. 10. L. Wervelhoorn B. *Spinnet-ſhell.*

27. *Cancer* ſpinoſus longimanus minor R. 16. 3. *Kleine langhandige doorne Krabbe* B. Two-leg'd thorney Crab.

28. *Cancer* Lunaris, R. 11. c. 9. *Yu Hulam Rita*, ſ. *Yulan Rita Amb. Volle maans Krabbe* B. Moon Crab.

29. *Concha* laciniata R. 73. 1. H. *Dolfintje Lobbetje* B. *Baardmannetje* B. Flat *Finger-ſhell.*

30. *Tentaculata* nodoſa R. 116. 5. K. *Podagra* of *Scorpioen* B. Knob-Fingers.

31. *Patella* 2 R. 121. 1. B. *Lampje* of *Schotelſje* B. White-ſpotted *Limpet.*

32. *Echinus* ſpinoſa R. 78. 9. O. *Hebul* Amb. *Rivier dooren-ſchelp* B. River *Thorney-ſhell.*

33. *Echinus* planus 3. R. 37. 6. *Zee Schelling* B. Sea-Shilling.

34. *Stella* marina *Scolopendroides* ſpinoſa R. 40. 5. B. *Sanmu Waru Mammuhulu* in *Hitoe.* Steekelige Zee-ſtar B. *Slender hairy 5 Fingers.*

35. *Nautilus* major *ſive* craſſus R. 59. 1. A. *Kika Lapia* A. Krang Modang & Bia papeda M. *Kocquilje* B. Thick Sail-ſhell.

36. *Echinus* ſetoſus ſ. *Echinometra* ſetoſa R. 13. 5. c. 30. *Bulu Bab* M. Hahuiru & Hahulu *Amb.* Maccariwan *Leyt.* Zee-naalden B. *Needle-Urchin.*

37. *Voluta* falciata 2 R. 106. 17. Y. *'tſpelde Works-kuſſen* B. Net-liſted Stamper.

38. *Porcellana* ſalita R. 113. 10. L. *Zout Korreltje* B. Salt-Coury.

39. *Cancer* ſpinoſus R. 16. 1. *Yhu* ſ. *Hyu Makeku Huta*, i. e. Pickol Rompot *Amb.* & *Leyt.* Hyu Hatu Talae *quibuſdam.* Cattam Baduri *Mal.* Moſchdrager, Doorne Krabbe B. *Great Thorney Crab.*

40. *Trochus* 1. ſ. maculoſus R. 74. 1. A. *Gerlikte Tol.* Great red waved *Top-ſhell.*

41. *Cymbium* R. 102. 1. A. Bia ſempe M. *Wina* aliis. Ongle *Chin.* Krooketepel bak B. *China* Colonet.

Tab. 4. E Fig. 1. *Echinus* planus 2. R. 37. F. *Groote Pannekoek* B. Double notch'd *Sea Pan-cake.*

2. *Strombus* 2. R. 100. 2. B. *Dunne Tyger pen* B. Brown Tygers Horn.

3. *Voluta* fluviatilis R. 106. 22. FF. *Laholun* vel *Laborun* & *Papoyte* Amb. *Rivier Panze kroon* B. River *Miter-ſhell.*

4. *Valvata* 8 ſ. tenuis R. 76. 8. G. *Agtſte Slek-hoorn* B. Small waved *Snail-ſhell.*

5. *Stella* marina 4. radiorum R. 39. D. *Warty Four-fingers.*

6. *Cancer* Barbatus R. 24. 2. *Cattam Gigi Boeloe* M. Baart Krabbe B. *Bearded Crab.*

7. Turris *Babylonica* R. 97. 12. L. Babyloniſche Tooren B. *Babylons Tower.*

8. *Hauſtellum* R. 86. 6. F. Bia Sibor M. *Snippe-kop* B. Snipes-bill.

9. *Caſſis* fimbriata lævis R. 84. 5. E. *Glad Zoomtje* B. Smooth ſpot-lipt *Caſket.*

10. *Trochus* Pyramidalis *Indicus* Nob. Zeeton B. R. 12. *Indian* Whirligig.

11. *Cochlea* pennata R. 90. 3. C. Bia Bulit Bawang M. *Patriis hoorn* of *Kievits Ey.* B. Indian *Partridge ſhell.*

12. *Caſſis* verrucoſa 3. R. 82. 3. C. *Bandaſche Pimpeltje* B. Banda *Bur-ſhell.*

13. Architalaſſus *Indiæ Occidentalis* R. 108. E. Weſt-Indiſch Admiraal B. *American* Admiral.

14. Voluta *Achates* dicta R. 108. K. *Achate Toot* B. Agate *Stamper.*

15. Voluta *Achates* ſtriatus dicta R. 108. M. *Geſtreepte Achate Toot* B. Marbled *Achate* Stamper.

Tab. 5. S Fig. 1. *Squilla* lata fœmina R. 3. c. 2. *Female* Bears Prawn.

2. *Chama* optica R. 139. 4. K. *Griekſe A doublet* B. Alpha *Cockle.*

3. Cochlea *Lunaris* aſpera R. 71. 3. E. *Goudmond* B. Moon-liſted *Wart-ſhell.*

4. *Strombus* 1. ſ. Subula R. 171. 1. A. *Elze* of *Marl-priem* B. Thick *Tygers-tooth.*

5. *Caſſis* rubra R. 80. 2. *Roode Strom-hoed* B. Red *Basket-ſhell.*

6. *Blatta* oblonga maxima *Nobis.* Great Oval *Hoin-ſtopple.*

7. *Voluta* filis cincta R. 106. 15. V. *Eyken hout Toot* B. Thread *Stamper.*

8. *Valvata* ſulcata nigra R. 78. 5. H. *Kima Aboeſſen* A. Swarte gevoorde Alykruyk B. *Black furrowed* Nerit.

9. *Argus* R. 114. 4. D. Dubbelde Argus. *Large double eyed* Cowry.

10. *Vo-*

10. *Fabia* maculosa R. 105. 11. Q. *Gepiekte Katje* B. Tabby *Stamper.*

11. *Stella* marina *Scolopendroides* lævis R. 39. B. *Glad zee Ster* B. Smooth slender 5 *Fingers.*

12. *Strombus* 9 f. granulatus R. 100. 9. H. *Gekorlde Naald* B. Slender Bugle-lifted *Bodkin.*

13. *Chama* montana *sive* Noachina R. 134. c. 29. *Maeka* A. Maniwock *in* Banda. *Morabo* in *Boeton.* Alibo *in* Macassar. *Bia Garu* M. Kima *in* Ternate. *Nagel-schulp* B. Noah's Ark.

14. *Melicera* f. Favago & *Melicembalis* Plinii R. 107. *Rock Honycomb.*

Tab. 6. Fig. 1. L *Oenista* Marina *Indica* R. 2. c. 1. Mitta Soa A. i.e. *Squilla* retrograda. *Ulebi & Uebir* Laytimor. *Udang Laut* vel U. *Onder* M. le rug Loopend kreeft B. *Sea Locust.*

2. *Pediculus* marinus R. 29. c. 27. *Fatok* A. & Banda. *Zee-luys* B. Amboina *Sea Louse.*

3. *Cancer* marinus lævis R. 10. 1. N. *Cattam Aijam & Uca Manu* Zagte M. Zee-Krabbe B. *Smooth* Sea Crab.

4. *Cassis* verrucosa 6. R. 22. 6. F. *Haayrige Oor* B. Hairy-Ears.

5. *Fusus* R. 96. 9. F. *de* Spil *of* Tabks-pijp B. *Spindle-shell.*

6. *Argus* fasciatus R. 161. B. *Gebande Argus-oog* B. Girdled *Argus-shell.*

7. *Nautilus* tenuis, dorso lato, costis plurimis *nobis.* Fine broad *Paper-Sail.*

8. *Tribulus* R. 86. 7. G. Bia Duri Lemon M. *Spinnekop* B. Spider *Welk.*

9. *Ficus* R. 91. 9. K. Vijg B. Fig *Welk.*

Tab. 7. Fig. 1. B Uccinum *Amboin.* rarum, nubulis castaneis *Nobis* Brown *Amboina* Trumpet.

2. *Echinometra* digitata 2. rotunda vel *Cidaris Maris* R. 33. 2. Moorsche Tulband B. *Moors Cap.*

3. *Squilla* arenaria terrestris R. 4. 1. *Lokki & Loc* A. Hebi Lain *Leytimor.* Udang Laut M. *Knyper of Lands Zandkreef* B. Land Prawn.

4. *Cassis* cinerea lævis vulgaris R. 83. 1. A. *Gemeene Bezoen-boon.* Gray Kasket.

5. Cymbium *Ceramicum* minus, coronâ muricatâ *nobis,* R. 102. B. Ceram *Coronet.*

6. *Voluta* coronata R. 108. H. *Kroonboorn* B. Oortmans *Crown Stamper.*

7. Architalassus *Aranscanus* R. 108. A. Oranjen Admiraal B. *Orange Admiral* Stamper.

8. *Harpa* R. 104. 8. K. Tattahul A. de *Harp of grane Chrisant* B. Great *Fair-wing.*

9. *Epidromis* 2. R. 110. 8. O. Opgerolde Bezaantje B. *Great* Net Whelk.

10. *Cassis* tuberosa 1 f. *Cornuta* R. 79. 1. A. Hubussuta A. *Tandaca* in *Boeton.* Bia Cabesette & Krang Boekoe M. *Osse-kop* B. Spike-knob'd *Kasket.*

11. Operculum *Amboin.* majus osseum *nobis* R. 73. G. Great *Bone stopple.*

12. *Strombus* angulosus R. 101. 15. O. *West Indische* Pauze kroon B. *Knobbed* Popes Crown.

13. *Chama* aspera & obtusa, *Chama* Noachina R. 139. 6. 2. B. Vader *Noachs* schulp B. *Scaley* Noahs Ark.

14. Cassis *Amboinensis* elegans, fasciis nodosis *nobis* R. 81. 1. Knot-lifted *Amboina* Kasket.

15. *Cochlea* Petholata R. 71. 2. D. *Bia Pethola* M. Nassauwer B. *Nassaw* Shell.

Tab. 8. Fig. 1. V *Oluta* filosa R. 106. 16. W. *Arakans Gaaren* B. Garter *Stamper.*

2. Auris *Midæ* R. 107. 24. HH. Midas *Oor* B. Midas *Ear.*

3. *Pectunculus* vulgaris R. 142. 5. E. *Ham* Chinens. *Bia Cucuran* M. Gemeene Doublet B. *Ham* Cockle.

4. *Radula* R. 188. 5. D. Rasp Doublet B. *Grater* Scallop.

5. *Echinus* f. Diadema *Tucarum* R. 34. Turksen Tulband B. *Turks* Turband.

6. *Ovum* R. 115. 14. Q. Bia f. Sipot Saloacco M. *Ey of Witte Porceleyn boorn* B. Great *Egg-Coury.*

7. Concha *Testudinaria* R. 114. 3. C. Karet hoorn B. *Great* Turtle *Coury.*

8. *Variola* R. 115. 13. O. Roode Mazelen *of* Pokjes B. *Measle* Coury.

9. *Cerebrum* R. 103. 4. E. Bia Liling M. *Kaarsje* B. Wax *Stamper.*

10. *Patella* R. 121. 1. A. Bia Sabla M. *Lampje* B. Great ray'd *Pap-shell.*

11. *Cassis* aspera R. 81. 4. D. *Steekelige Kasket* B. Thorney Kasket.

12. *Strombus* caudatus granulatus R. 100. 12. L. *Knoblic pen* B. Bugle-lifted *Bodkin.*

13. *Strombus* dentatus R. 100. 6. E. *Gekartelde Pen* B. *Toothed* Bodkin.

14. *Tuba* filosa, costis nodosis *nobis.* De Omgewonde Hoorn B. *Knobbed Thready* Trumpet.

15. *Tuba* maculata, costis elatis *nobis.* Gevoorende Pekhoorn B. *Spotted welt* Trumpet.

Tab. 9. Fig. 1. C *Ancellus* Anatum 4. R. 27. 4. D. *Long leg'd* Duck-Crab.

2. *Cancellus* Anatum 1. R. 27. 1. A. *Cattam Bebec* M. Eende Krabbe B. *Gray* Duck-Crab.

3. *Cancellus* Anatum 2. R. 272. B. *Sand Crab.*

4. *Cancellus* Anatum 3. R. 27. 3. C. *Long clawed* Duck Crab.

5. *Cancer* vocans R. 14. c. 13. *Cattam Pangel* M. Roeper Krabbe B. *Roeper Crab.*

6. *Cassis* cinerea lævis. 3. R. 84. 3. C. *Buykie* B. Gray Kasket.

7. *Cochlea* pennata altera R. 91. 4. D. *Culit Bawang* M. Ajuyn-schil B. *Bawang* Partridge.

8. *Rapa* R. 91. 6. F. Knol hoorn B. *Round* Partridge.

9. *Cassis* fimbriata striata R. 84. 4. D. *Gestreepte Zoomtje* B. Small curl'd Kasket.

10. *Rhombus* medius, fasciis intersectis *nobis* R. 107. 28. GG. *Cyperse Kat-toot* B. *Boero* Stamper.

11. *Voluta* fasciata R. 106. 17. X. *Groen-kas* B. Green *Stamper.*

12. *Musica* Rusticorum R. 106. 19. BB. *Boeren-Muzijk* B. Small black-dice *Stamper.*

13. *Calcar* R. 73. 2. I. De *Spoor* B. Spur-shell.

14. *Murex* minimus R. 86. 4. D. *Scorpioentje* B. Least ragged *Whelk.*

15. *Mitra* Papalis, *vid.* Tab. 13. Fig. 12.

16. *Buccinum* granulatum rotundum R. 97. 44. M. *Rystenbry-boorn* B. Small *Bugle-netted* Whelke.

17. *Buccinum* aculeatum R. 97. 15. N. *Distel-boorntje* B. Small prickle *Whelk.*

18. *Tarricula* filis cincta R. 98. 21. T. *Toorentje* met *draadjes* B. Thread lifted *Spire-shell.*

19. *Bulla* R. 91. 7. G. Kievits Ey. B. *Marbled* Bubble.

20. *Buccinum* maculis quadratis fasciatis *Nob.* Dice Whelk.

21. *Cochlea* maculis undique ornata *Nob.* Cloudy Dice-shell.

Tab. 10. Fig. 1. N *Autilus* tenuis & legitimus. *Ovum* Polypi R. 63. A. *Roema Gorita* M. Doeke Huyt B. *Great Brittle* Sayler.

2. *Nautilus* tenuis minor R. 64. B. *Kleine* Doeke huyt B. *Course brittle Sayler.*

3. *Umbilicus* marinus niger R. 20. B. *Swarte* Venus Navel B. *Black* Bone stopple.

4. & 5. *Umbilicus* marinus *Mediterraneus* R. 20. C. & E. Levant *Bone stopple.*

6. *Umbilicus* marinus variegatus. *Striped Bone stopple.*

7. *Umbilicus* marinus granulatus R. 72. 3. D. *Gekorrelde* Venus-navel B. *Granulated* Bone Stopple.

8. *Trochus* 3 f. longævus & *Papuanus* R. 74. 3. D. Cucussan Papouan M. *Langevende Tol* B. Great *Nestors* Top.

9. *Trochus* maculosus minor R. 74. 1. B. *Gevlakte Tol* B. Lesser spotted *Top-shell.*

10. *Cassis* pennata R. 81. 3. C. *Gevederde* Strom-hoed B. *Feather* Stamper.

11. *Valvata* maculosa R. 76. 4. C. *Caurena Lima* M. Dice *Nerit.*

12. *Valvata* undata R. 76. 6. E. *Swath-mondie* B. Waved *Nerit.*

13. *Valvata* lævis 1. *seu* Vitellus R. 75. 1. A. *Dooyer* B. Yelk-Nerit.

14. *Vitellus* compressus R. 76. 3. B. *Platte Dooyer* B. Flat *Yelk-Nerit.*

15. *Valvata* albula R. 76. 7. F. *Isli Paleffu* Amb. *Slek-boon* B. White *Nerit.*

Tab. 11. Fig. 1. T *Rochus* 2. R. 74. 2. C. Tombor *Banda.* Tombor *Top.*

2. *Trochus* Labea R. 75. 4. E. *Dik lip* B. Thick-lipt *Top.*

3. *Valvata* 5. R. 76. 5. D. Twin girdle *Nerit.*

4. *Valvata* fluviatilis sive *Rubella* R. 76. 10. H. Bia Mattacon M. *Rood-oog* B. Red *Nerit.*

5. *Valvata* striata *Alpina* R. 77. 1. I. Gestreepte *Stekbon* B. Mountain *Nerit.*

6. *Valvata* fasciata R. 77. 2. K. *Peelorontje* B. Poelorom *Nerit.*

7. *Valvata* undulata R. 77. 3. L. *Kamalotje* B. Camel *Nerit.*

8. *Valvata* granulata R. 78. 4. M. *Gekorrelde* Alyknijs B. *Bugle-Nerit.*

9. Eadem Tab. 5. Fig. 8.

10. *Cassis* tuberosa 1. f. *Cornuta* R. 79. 1. A. Hubussuta *Amb.* Tandaca *Boeton.* Bia Cabesette & Krang Boekoe M. *Offekop* B. Great Spiked *Casket.*

11. *Calcar* minor *Nobis.* Kleyne Geelmond B. *Small* Spur-shell.

12. *Cassis* verrucosa 2. R. 81. 2. B. *Bia pagnua* M. Great *Spur-shell.*

13. Ves-

13. Verrucoſa 1. ſ. *Ceramica* R. 82. 1. A. de Getakte *Zwitzer-broek* B. Ceram *Spur-ſhell.*

14. *Caſſis* verrucoſa 4. R. 82. 4. D. *Wijd-mondige Pimpetje* B. double liſted *wide Whelk.*

15. *Caſſis* verrucoſa 7. R. 82. 7. G. *Bia Cadoe* M. Padde hoorn B. *Wide* Cadoe *Whelk.*

16. *Caſſis* verrucoſa 9. R. 82. 9. I. *Knoddekens* B. & Anglis.

17. *Ramula* R. 82. 8. H. Hookſtaart B. *Tongued Whelk.*

18. *Caſſis* cinerea lævis vulgaris R. 84. 1. A. graauwe Kaſket B. *Smooth gray* Kasker.

19. *Cochlea* faſciis binis circuloque nigris *nobis.* Croſ-liſted *Sand-ſhell.*

20. *Valvata* ſemilunaris vera 2. *Moon-ſpotted* Nerit.

21. *Valvata* ſemilunaris vera 3. *Light Moon-ſpotted* Nerit.

22. *Valvata* ſemilunaris vera 4. *Clouded* Nerit.

23. *Valvata* ſemilunaris vera 5. *Pied-liſted* Nerit.

Tab. 12. Fig. 1. *Murex* ramoſus R. 85. 1. A. *Lay Noa & Palay Noa* Amb. Salalon *Leytimor.* Bia Unam M. *Kinkhoorn* B. Great ragged *Whelke.*

2. *Murex* minor R. 86. 3. C. *Bia Papua* M. Munk-yzer B. *Small ragged* Whelke.

3. *Murex* ſaxatilis R. 85. 2. B. *Voet-hoorn* B. Stone *Whelke.*

4. *Murex* R. 86. 5. E. Gedroogde Peer B. *Hairy* Whelk.

5. *Cochlea* ſtriata, ſ. *Oleana* R. 91. A. Bia Minjac M. *Gevlekte Bel-hoorn* B. Great ſpot-rib'd *Partridge.*

6. *Cochlea* ſtriata altera A. 90. 2. B. *Dik lippige Oly hoorn* B. Thick-lipt *Partridge.*

7. *Cochlea* patula R. 91. 5. E. *Wijd Monder* B. Wide-mouth'd *Snail.*

8. *Cochlea* Imbrium R. 91. 8. I. *Bia Ribut* M. Toovermantel Toover ſlekk B. *River ragged Mouth.*

9. *Scutaria* major R. 91. 11. M. *Groot koffer hoorntje* B. Great *Koffer-ſhell.*

10. *Scutaria* minor R. 92. 12. N. *Bia Totombo* M. Kleyne Koffer hoorntje B. *Small* Koffer ſhell.

11. *Serpentulus* R. 92. 13. O. Bel-ſlack B. *Snake-ſhell.*

12. *Cochlea* terreſtris R. 92. 14. P. *Poſt-horn* B. Cake-ſhell.

13. *Cochlea* terreſtris altera R. 93. 16. R. *Thick-lipt* Cake-ſhell.

14. *Cochlea* lutaria R. 92. 15. Q. *Siſſo Capong* Macaſs. *Gevlakte Ajuyn-Schil* B. Smooth gitoled *Snail-ſhell.*

15. *Buccinum* Tritonis, ſ. *Turbo* magnus R. 94. 2. B. *Bia Sworikara, Krang Seroncy & Kima Taburi* M. Triankus. *Tchiau* & Lieukieuw *in* China, *Trompette Marina* Gallis. *Trits-hoorn, Tritons Hoorn* B. Tritons *Trumpet.*

16. *Buccinum* tuberoſum R. 95. 3. C. *Gaknobbelde Kinkhoorn* B. Knobbed *Trumpet.*

17. *Buccinum* tuberoſum rufum R. 95. 4. D. *Rood geknobbelde Kinkhoorn* B. Red knobbed *Trumpet.*

Tab. 13. Fig. 1. *Scuto-purpura* R. 95. 5. E. Baſtaard Purper ſlek B. *Baſtard* Whelke.

2. *Fuſus* brevis R. 96. 7. G. *Stompa Spil* B. Great rough *Whelke.*

3. *Buccinum* piloſum craſſum R. 96. 8. H. *Haayrige Dikkije* B. Thick hairy *Whelke.*

4. *Buccinum* undoſum R. 97. 16. O. *Zee-golf Hoorntje* B. Small rough *Whelke.*

5. *Buccinum* lineatum R. 97. 17. P. *Geſtrepte Hoorn* B. Thread-girdled *Whelke.*

6. *Turricula* R. 98. 19. Bia Bidji Gnemon M. *Toorentje* B. Spire-ſhell.

7. *Turricula* plicata R. 98. 20. S. *Geploode Toorentje* B. Furrow-ſpire.

8. *Digitellus* R. 97. 18. Q. Vingertje B. *Finger-ſpire.*

9. *Turricula* granulata R. 98. 22. V. *Stanken Vlag-pen* B. Smooth ſpire.

10. *Buccinum* ſcalare R. 98, 24. W. Het *Wentel-trapje* B. *Small Stair-caſe.*

11. Biſhops Mitre *idem* Tab. 2. Fig. 3.

12. *Mitra* Papalis R. 96. 10. I. *Pauze-kroon* B. Popes Crown.

13. *Strombus* paluſtris R. 101. 17. Q. *Sipot Kitſijl* Amb. *Berongan* M. Weſt-Indiſche Baataard Pauze-kroon M. *River Peg.*

14. *Strombus* caudatus albus R. 100. 11. K. *Witte Snuyt pen* B. *White ſnouted* Peg.

15. *Strombus* fluviatilis lævis R. 101. 18. P. *Seſſu* Amb. *Sipot Ayer* M. Slender River Peg.

16. *Strombus* paluſtris lævis R. 101. 18. R. *Gladde Moerasch pen* B. Blackiſh River *Peg.*

17. *Strombus* 3. R. 100. 3. C. d'Omwonde Pen B. *Girdled Peg.*

18. *Strombus* Tympanorum ſ. *Tymponotonos* R. 100. 13. M. Trommel Schroet B. *Tambocrs* Peg.

19. *Strombus* 8. R. 100. 7. F. Eenhoorn pen B. *Curl-girdled* Needle.

20. *Strombus* lanceatus R. 100. 8. G. *Piekenier* B. Furrow-pen.

21. *Strombus* Chalybeus R. 100. 10. I. *Zeyl naald* B. Steel pin.

22. *Strombus* Mangiorum R. 101. 20. T. *Manger Naalde* B. Mango's Peg.

23. *Strombus* tuberoſus R. 100. 14. N. *Gedoornde Snuyt pen* B. Knobbed *Spout-pen.*

24. *Terebellum* R. 101. 19. S. geſtippelde Boor B. *Speckled* Augur-Peg.

25. *Buccinum* Foliorum R. 98. 26. Y. *Bladhoorn* B. Leaf Whelk.

26. *Buccinum* ſpirale R. 98. 25. X. *Bozios* Luſitanis. *Gerimpelde hoorn* B. Bozioes.

Tab. 14. Fig. 1. *Harpago* fœmina R. 109. 1. B. *Boots-haak* of *Duyvels Klaauw Wijfje* B. Female *Devills-Claw.*

2. *Harpago* 3. R. 109. 1. C. Stompje B. *Short* Devills Claw.

3. *Harpago* Mas R. 109. 1. *Bootſhaak* of *Duyvels-Klaauw Mannetje* B. Male *Devills Claw.*

4. *Cornuta* ſ. Heptadactylus *Plinij*, E. 110. 2. Tatallan *Amb.* ſive Cornutji *in* Banda. *Bid Cattam* M. Geplekte Krabbe B. *Pliny's* 7 Fingers.

5. *Heptadactylus* alter R. 110. 2. F. *Geele Krabbe* B. Yellow 7 Fingers.

6. *Cornuta* Decumana R. 110. 3. H. *Tientak hoorn* B. Ten *Fingers.*

7. *Cornuta* millepeda R. 110. 4. I. *Duyzent-been* B. Twelve *Fingers.*

8. *Cornuta* fœmina R. 110. 2. G. *Geele Krabbe Wijfje* B. Female *Yellow Fingers.*

9. *Alata* lata R. 110. 6. L. *Groote-Laphorn* B. Great broad-lipt *Whelk.*

10. *Lendiginoſa* R. 111. 8. Q. Bia Taylala M. *Sproetje* of *Kikvorſh* B. Knobbed broad-lip.

11. *Pugil* R. 111. 11. R. Bia t' Unjockan M. *Schermer, Wijzer,* of *geknobbelde Laphoorn* B. Horned broad-lip.

12. *Lubuana* R. 111. 12. S. Lohoenſche Hoorntje B. *Loboe* Broad-lip.

13. *Canarium* alterum R. 111. 13. V. *Gebande Kanarie* B Girdled *Canary.*

14. *Harpago* 4. R. 109. D. Tweede Stompje B. *White* Canary.

15. *Samaar* R. 111. 15. Y. Samaar *Canarie.*

16. *Epidromis* minima R. 111. 9. P. *Bia Leyer* M. *Kleyne Bezaantje* B. Small broad-lipt *Canarie.*

17. *Epidromis* gibboſa *R.* 110. 8. N. *Bultje. Bogcheltje* B. Hunchbackt *Canarie.*

18. *Epidromis* R. 110. 7. M. Duyfje B. *Great* Canarie.

19. *Canarium* latum *R.* 111. 14. X. *Breede Canary* B. Chain-girdled *Canarie.*

20. *Canarium* 3. *R.* 111. 13. W. Gebloemde Kanarie B. *Broad Knobbed* Canarie.

21. *Canarium R.* 111. 13. T. Bia Canary M. *Gebulte Kanarie* B. Long Knobbed *Canarie.*

Tab. 15. Fig. 1. *Voluta maculoſa* granulata *R.* 106. 14. T. *Gegranuleerde Katje* B. Small chain *Stamper.*

2. *Meta* Butyri *R.* 102. 2. C. *Boterweg* of *geele Tyger* B. Great yellow *Leopard* Stamper.

3. *Voluta* pennata 1. *R.* 105. 10. P. *Zilver laaken* B. Silver Cloath *Stamper.*

3. A. *Nubecula R.* 103. 6. G. Wolkje B. *Cloudy* Stamper.

4. *Voluta* Tigerina *R.* 103. 5. F. *Tyger* B. Tyger *Stamper.*

5. *Voluta* ſpectrorum *R.* 106. 14. S. *Spookje* B. Fairy *Stamper.*

6. *Voluta* cinerea *R.* 106. 12. *R. Aſche-poeſter* B. Gray *Stamper.*

7. *Anus*, ſ. Monachus *Leucophæus R.* 106. 20. Oude wijf of graauwe Munnick B. *Gray Monk.*

8. *Veſpertilio R.* 103. 7. H. Ruluton *Amb.* Bia Morſego, ſ Baduri M. *Vleer-muys* B. Batt *Muſick-Stamper.*

9. *Voluta* pennata *R.* 105. 10. O. *Goud-laaken* of *Spaderwerks-hoorn*, en *Korboen* B. Gold-cloth *Stamper.*

10. *Harpa* minor *R.* 104. 8. M. *Bia Baſaghi* ſ. B. *Saraſſa* M. Kleyne Chriſant B. ſmall *Harp Stamper.*

11. *Architalaſſus* 2. *R.* 108. D. *Rear* Admiral *Stamper.*

12. *Veſpertilio* altera *R.* 103. 7. I. *Makiyn Horun* Amb. *Cantaruga* Boetoe. *Bia Baduri*, ſ. B. *Mimpi* M. Droom hoorntje B. *Long* Batt *Muſick Stamper.*

13. *Terebellum* granulatum *R.* 106. 21. EE. *Gegranuleerde* of *ruyge Kuypers-boor* B. Grain-girdled *Stamper.*

14. *Archi-*

15. *Archetalaſſus* R. 108. C. Admiral *Stamper.*
16. *Voluta* dicta *Achates* ſtriatus R. 108. L. *Geſtreepte Achates* B. Waved *Agat* Stamper.
17. *Anus* granulata R. 106. 20. DD. *Gegranuleerde oude wyf* B. Grain'd *Old wife.*
17. *Voluta* coronata 2. R. 108. I. *Tweedekroon hoorn* B. Brow's *Stamper.*
18. *Architalaſſus* 1. R. 108. B. Opper Admiraal B. *Bug's* Stamper.
19. *Pharchitalaſſus* R. 108 F. Vice Admiral *Stamper.*
20. *Voluta* arenata 2. R. 106. 18. AA. *Mugge ſchoetje* B. Small Sand *Stamper.*
21. *Voluta* arenata R. 106. 18. Q. *Zand hoorntje* of *Vlinge ſchoetje* B. Great Sand *Stamper.*

Tab. 16. Fig. 1. *Aipa* R. 115. 8. I. Mol B. *Great* Mole *Coury.*
2. *Porcellana* montoſa R. 114. 2. B. *Bergagtige Kliphous* of *Knap* B. Mountain *Caje* Coury.
3. *Porcellana* media, maculis majoribus *Nobis* Wit geplekte Achaat B. *Agat* Coury.
4. *Porcellana* media, maculis minoribus *Nobis.* Carthageenſche Klip-hoorn B. *Carthagena* Coury.
5. *Porcellana* media nubuloſa *Nobis.* Gewolkte Achaate Klip-hoorn B. *Midling Cloudy* Coury.
6. *Caput* Anguinum 3. R. 114. 6. G. *Derde Slang-kop* B. Yellow *circled* white *Coury.*
7. *Caput* Anguinum minus R. 114. 6. F. *Kleyne Slangekop* B. Small *Snake* Coury.
8. *Ovuola* altera R. 115. 11. P. *Long* Meaſſle *Coury.*
9. *Porcellana* lentiginoſa R. 115. 12. N. *Kakkerlakje* B. Nitty *Coury.*
10. *Dracena* R. 118. 6. E. Draken hoofdje B. *Dragon* C.
11. *Nuſſatellana* granulata R. 118. 12. I. *Rijſkorl* B. Rice C.
12. *Thonacium* oculatum R. 117. 1. A. *Wit-oogie* en *Brandvlakje* B. White-eyed *Coury.*
13. *Porcellana* minor candeſcens *Nobis* R. 110. 7. F. Blaauwagtig en lijſtie B. *Sky* Coury.
14. *Thonacium* vulgare, *ſive* Cauricium R. 117. 3. C. *Slangehoofd* Aiman. *Gemeene geele Cauris* B. Common *Coury*, or *Barkmans Teeth.*
15. *Oſula* R. 118. 14. O. Beertje B. *Cub-Coury.*
16. *Iſabella* R. 118. 8. G. Belg. & *Anglis.*
17. *Thonacium* ſtellatum R. 117. 2. B. *Sterretje* B. Star Coury.
18. *Aſella* R. 118. 12. M. Ezeltje B. *Aſs Coury.*
19. *Globulus* lævis R. 118. 11. L, *Gladde Knopje* B. Small Smooth *Coury.*
20. *Margarita* R. 118. 13. N. Pareltje B. *Pearl Coury.*
21. *Globulus* R. 118. 11. K. Korlige Knoopje B. *Wart* Coury.
22. *Pediculus* R. 118. 15. P. Luys B. *Louſe* Coury.
23. *Gibba* R. 114. 7. H. Witte Janboelen. Hoog rug B. *White* Nipple Coury.
24. *Patella* 4. R. 121. 1. D. Black *Limpet.*
25. *Cochlea* undata compreſſa *Nob.* Noote dopjen B. *Nutſhell.*
26. *Patella* radiata *Nobis* R. 123. 5. M. Rayed *Limpet.*
27. *Operculum* callorum 3. R. 123. 5. N. *Chopping* Shell.
28. *Pectunculus* roſtratus *Nobis* Zots-kap B. R. 123. 1. P. *Sots-cap.*
29. *Concha* auriculata *Nob.* Melknapje *en* Oor ſchulp B. R. 123. 8. R. *White-ear.*
30. *Auris* marina 4. R. 121. 4. I. *Scale-ſhell.*
31. *Operculum* callorum R. 121. 5. L. *Dekzeltje van Vleeſch* B. Long *Scale-ſhell.*
32. *Solen* Anguinus R. 125. 3. H. *Cappang* ſ. *Bia Ular* M. Slange pijp B. *Snake pipes.*
33. *Dentículus* Elephantis R. 125. 4. I. *Tando Laut* M. Olifhants tand B. *Elephants Tooth.*
34. *Auris* marina R. 121. 2. E. *Horilen* Amb. *Telinga mabi & Bia Sneatsjo* M. Zee Oor *of* Lange Paarlemoor-ſchulp B. *Long* Sea Ear *or* Norman Shell.

Tab. 17. Fig. 1. *Pecten* vulgaris R. 141. 1. A. *Bia Siſſir & Bia Terlang* M. Bontemantel B. *Common* Amboina *Scallop.*
2. *Pecten* 2. R. 141. 2. B. Red *grater Scallop.*
3. *Pecten* tenuis R. 141. 3. C. *Dunne Bonte mantel* B. Thin *Scallop.*
4. *Fragum* 2. R. 142. H. Dubbeld Venus Hartje B. *Strawberry* Heart Cockle.
5. *Pecten* bullatus R. 143. 12. N. *Bia Filoos* M. Baſtaard Ark B. *Filoos Cockle.*
6. *Pecten* ſaxatilis R. 143. 10. L. *Bia Batu* M. Batu Cockle.
7. *Pecten* granoſus R. 143. 9. K. *Grain Cockle.*
8. *Pecten* Virgineus R. 142. 8. I. *Bia Anadata* M. Maagdebloem B. *Virgin Cockle.*
9. *Tellina* arenoſa R. 145. 1. C. *Bia Paſſir* M. Zand doublet B. *Sand Tellen.*
10. Mytulus *Amboinicus* maximus *Nobis.* Rechte Noaachs-Ark B. R. 143. 11. P. *Noahs Lighter.*
11. Roſtrum *Anatis* parvum R. 149. 2. O. *Kleyne Eendebek* B. Duck Muſcle.
12. *Roſtrum* Anatis 3. R. 150. 2. P. *Pholas Muſcle.*
13. *Tellina* Cultriformis R. 147. 5. F. *Bia Piſcou* M. Peul doublet B. *Long crooked* Muſcle.
14. *Amuſium* R. 144. c. 32. Bia Terbang M. *Kompas ſchulp* B. Compaſs *Scallop.*
15. *Tellina* Gari R. 146. 3. D. *Biaſtor & Blaſtrol* Amb. *Bia Bocaſſa* M. Bocaſſa Tellen.
16. Lingua *Felis* R. 147. 7. G. Katte tong B. *Cats-tongue.*
17. *Ficium* R 148. 10. Bia Lida M. *Venus ſchulp* B. Maiden Muſcle.
18. *Tellina* lævis R. 148. 9. I. *Roos Doublet* B. Roſe Tellen.
19. *Tellina* virgata R. 147. 8. H. *Bia Manta Hary* M. Zonne ſtraal B. *Rayed Tellin.*
20. *Petaſunculus* R. 148. 11. L. Banket hammetje B. *Wedge Muſcle.*
21. Roſtrum *Anatis* R. 149. 2. Groote Eende-bek B. *Great* Duck Muſcle.
22. *Solen* bivalvius 1. R. 149. 1. M. *Orgal-pijp* B. Razor-Muſcle.

Tab. 18. Fig. 1. *Chama* circinata R. 139. 5. A. *Bia Matta Doa* M. Schulpen met twee oogen B. *Thread girdled* Cockle.
2. *Chama* litterata oblonga R. 139. 6. B. *Bia letter* M. Japanſche Marje B. *Long* Letter Muſcle.
3. *Chama* litterata rotunda R. 139. 7. C. *Ronde Letterſchulp* B. Round *Letter Muſcle.*
4. *Chama* circinata minor nob. *Scheifje* B. Small thread girdled *Cockle.*
5. *Chama* litterata elegantèr undata *Nobis.* Tour de Era B. R. 140. 15. M. *Fine* Letter Tellin.
6. *Chama* Pectinata R. 139. 8. D. Kam Doublet B. *Comb Cockle.*
7. *Chama* ſcobinata R. 139. 5. E. *Geſchoolde doublet* B. Bran Cockle.
8. *Favus* R. 140. 10. F. Waafel yzer B. *Honeycomb* Cockle.
9. *Chama* granoſa R. 140. 12. H. *Gekorlde doublet* B. Checker-grained *Cockle.*
10. Lingua *Tigerina* R. 140. 11. G. Tygers tong B. *Tygers tongue* Cockle.
11. *Pectunculus* maior circulis rugoſis *nobis.* Remies B. R. 140. 13. I. *Rugged girdled* Cockle.
12. *Pavra* Venetea *nob.* Remies Gargadja M. *Getande Venus doublet* B. R 140. 16. N. White *Venus Purr.*
13. *Pectunculus* ovatus, circulis ſulcatis *nob.* Toede Baya M. R. 140. 14. K. *Furrow girdled* Oval Cockle.
14. *Teſta* R. 132 4. D Scheifjes B. *Croſs Cockle.*
15. *Chama* ſtriata R. 131. 3. C. *Bia Cerocang* M. Paardevoetje B. *Great* broad headed *Cockle.*
16. *Chama* virgata R. 139. 3. I. *Bia Bagcata* M. Twig-Cockle.
17. *Pectunculus* parvus reticulatus *nob.* Billetjes B. *Small* Checker Cockle.
18. *Chama* lutaria & ecapana R. 131. 2. H. *Bia Cadock* M. Quakker B. *Quaking Cockle.*
19. *Fragum* R. 142. 6. F. Cucuran Mera T. *Roode Aardbey doublet* B. Red *Strawbery* Cockle.
20. *Chama* lævis, *Glycemeris* Indica R. 138. 1. G. *Tudo* Maccas. *Bia Lebbei & B. Tenember* M. Japanſche Speel doublet B. *Japan* Paint *Cockle.*
21. *Fragum* album R. 142. 7. G. *Witte Aardbey* B. White *Strawberry* Cockle.

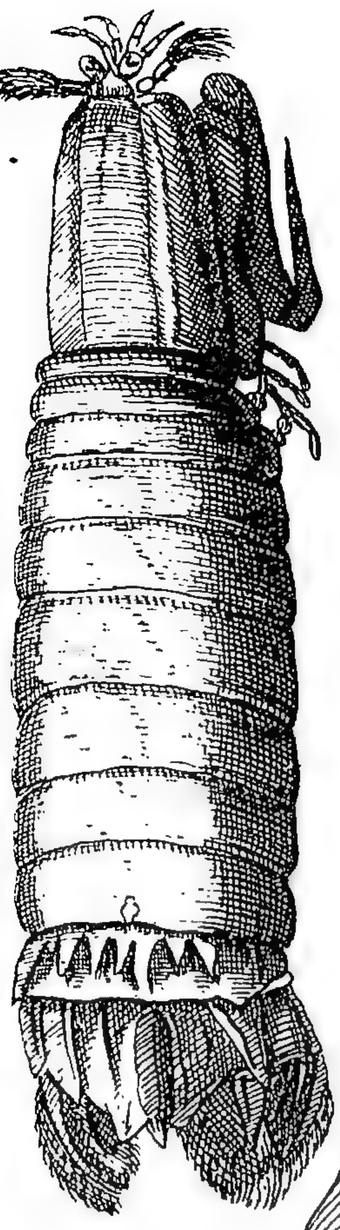
Tab. 19. Fig. 1. *Vulſella* R. 148. 13. A. Baard knyper B. Tyger Muſcle.
2. Mitulus Anitarius R. 151. 1. C. Ihul Amb. Lulat *Hitoe.* Aſuſſeng Bebec M. Eend Moſſel B. Duck Muſcle.
3. Mitulus ſaxatilis R. 151. 3. D. Klip Moſſel B. Rock Muſcle.
4. Pinna oblonga R. 153. 1. I. Lange Ham doublet B. Long Ham Muſcle.
5. Pinna junior R. 153. 1. K. Jonge Ham doublet B. Small Ham Muſcle.
6. Pinna lata *R.* 154. 2. L. Breede Holſter ſchulp B. Broad Ham Muſcle.
7. Pinna alba *R.* 154. 3. N. Witte Holſter ſchulp. B. White Ham Muſcle.
8. Pholas Lignorum *R.* 152. 7. H. Hout Moſſel B. Wood Peircer.
9. Avicula *R.* 191. 6. G. Aſuſſeng Burong M. t'Gevlekte Vogeltje B. Flying Muſcle.
10. Muſculus vulgaris major *R.* 151. 1. P. Aſuſſeng B. Groote gemeene Moſſel B. Common *Amboina* Muſcle.
11. Oſtreum Ranicum, t. Lignorum *R.* 154, 1. Chederopada Græc. Tiram Akkarſ. T. Belaan M. Stok-Oeſter B. Wood Oyſter
12. Muſculus Arenarius *R.* 151. 4 E. Aſuſſeng Patſir M. Zand Moſſel B. Sand Muſcle.
13. Pholas *R.* 151. 5. F. Aſuſſeng Batu M. Steen Moſſel B. Stone Peircer.
14. Pinna lata 2. *R.* 154. 2. M. Prickley Ham Muſcle.

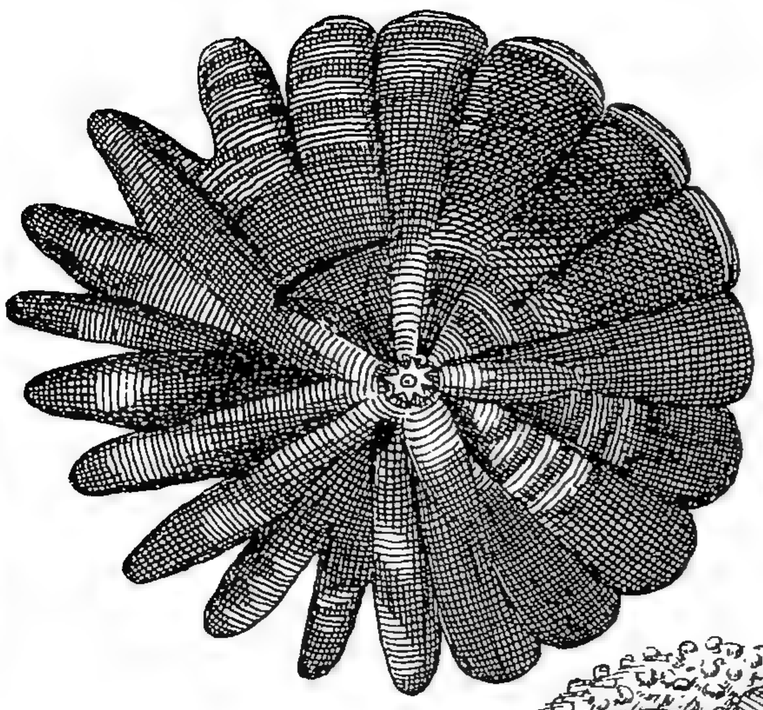
Tab. 20. Fig. 1. Oſtreum Cratium *R.* 155. 2. A. Scry Oeſter B. Tree Oyſter.
2. Oſtreum plicatum minus *R.* 156. 6. D. Hane Kam B. Curry comb Oyſter.
3. Oſtreum Placentiforme ſive Ephippium *R.* 155. 4. B. Ea & Ya Amb. Calepinda Boetoe. Tiram Lebbar M. Calvinde Zeylon. Zadel ſchulp B. Saddell Oyſter.
4. Oſtreum Margaritifera nobis. Aſſo Teliney Amb. Telinga Andyn M. Paarlemeer ſchulp. B. Flat Pearl Oyſter.
5. Oſtreum plicatum majus *R.* 156. 5. C. getakte Hane kam B. Great Finger Oyſter.
6. Oſtreum echinatum *R.* 156. 7. E. Bia Tsjoeppo M. de Lazarus klap B. Leſſer Finger Oyſter.
7. *Oſtreum* majus, marginibus digitatis *Nobis R.* 157. 9. F. Great *Fan Oyſter.*
8. *Oſtreum* Electrinum *R.* 158. 13. L. *Barnſteen Oeſter* B. Small *Amber Oyſter.*
9. *Oſtreum* tortuoſum *R.* 158. 12. K. *Kromme Noachs* Ark B. Twiſted *Lighter Muſcle.*
10. *Oſtreum* divilum *R.* 158. 10. H. *Bia kus* M. Kruys doublet B. *Hammer Oyſter.*
11. *Iſignomon R.* 158. 11. I. Venus ſchacht doublet B. *Teynter Hook.*
12. *Solen* Ocreatus *nobis R.* 125. 5 K. Boot-ſhell.
13. *Solen* Clibaniformis *R.* 125. 5. L. *Oven-ſhell.*

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TAB. I.

FIG. 1.

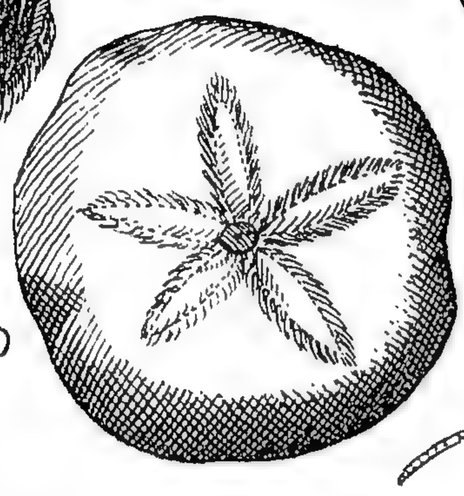




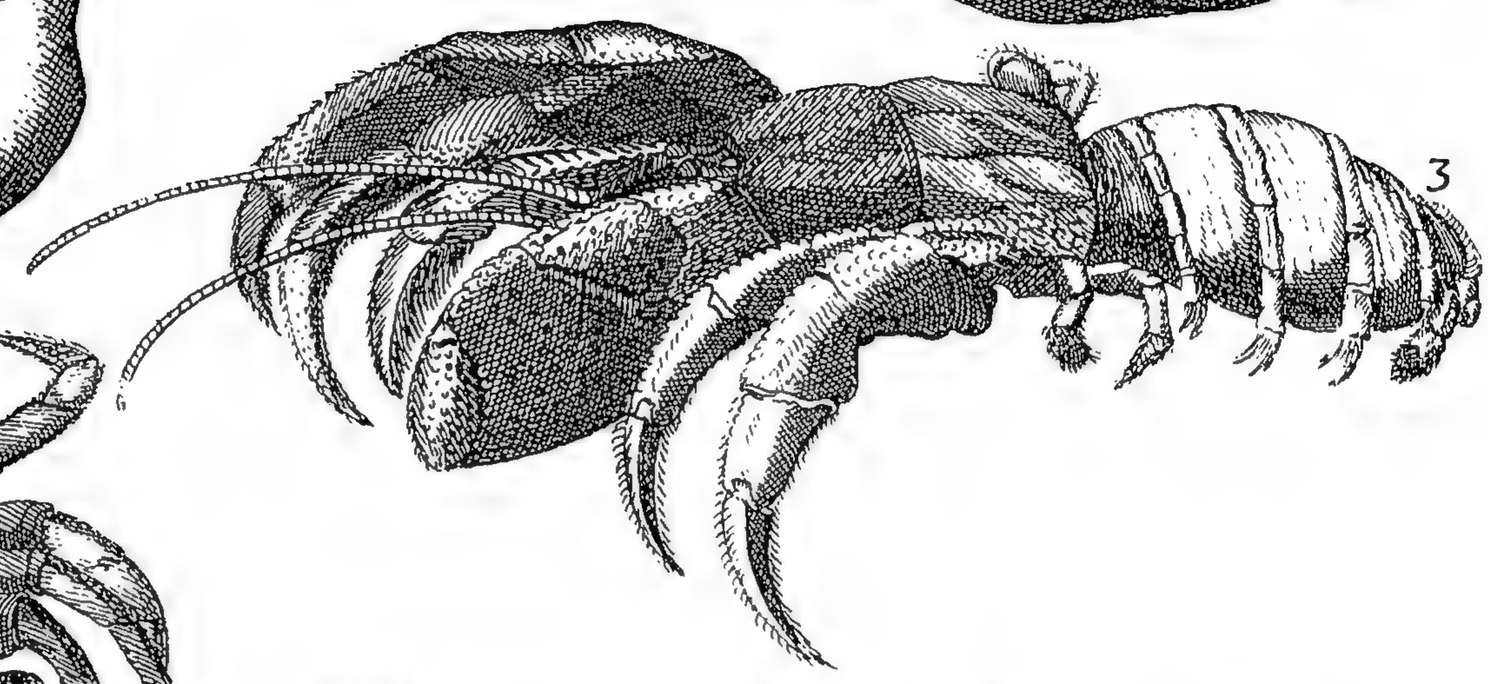
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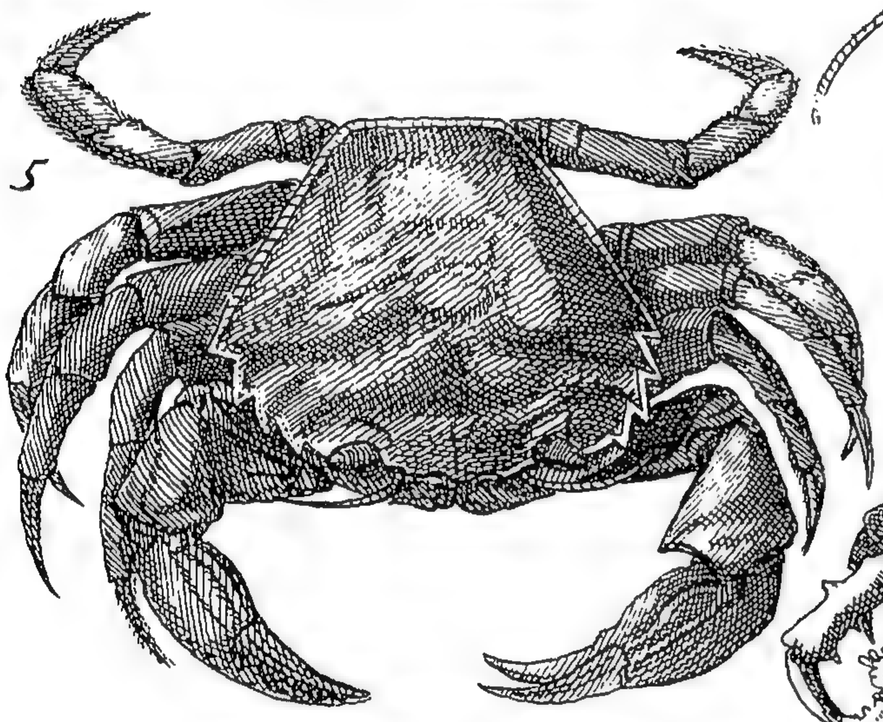
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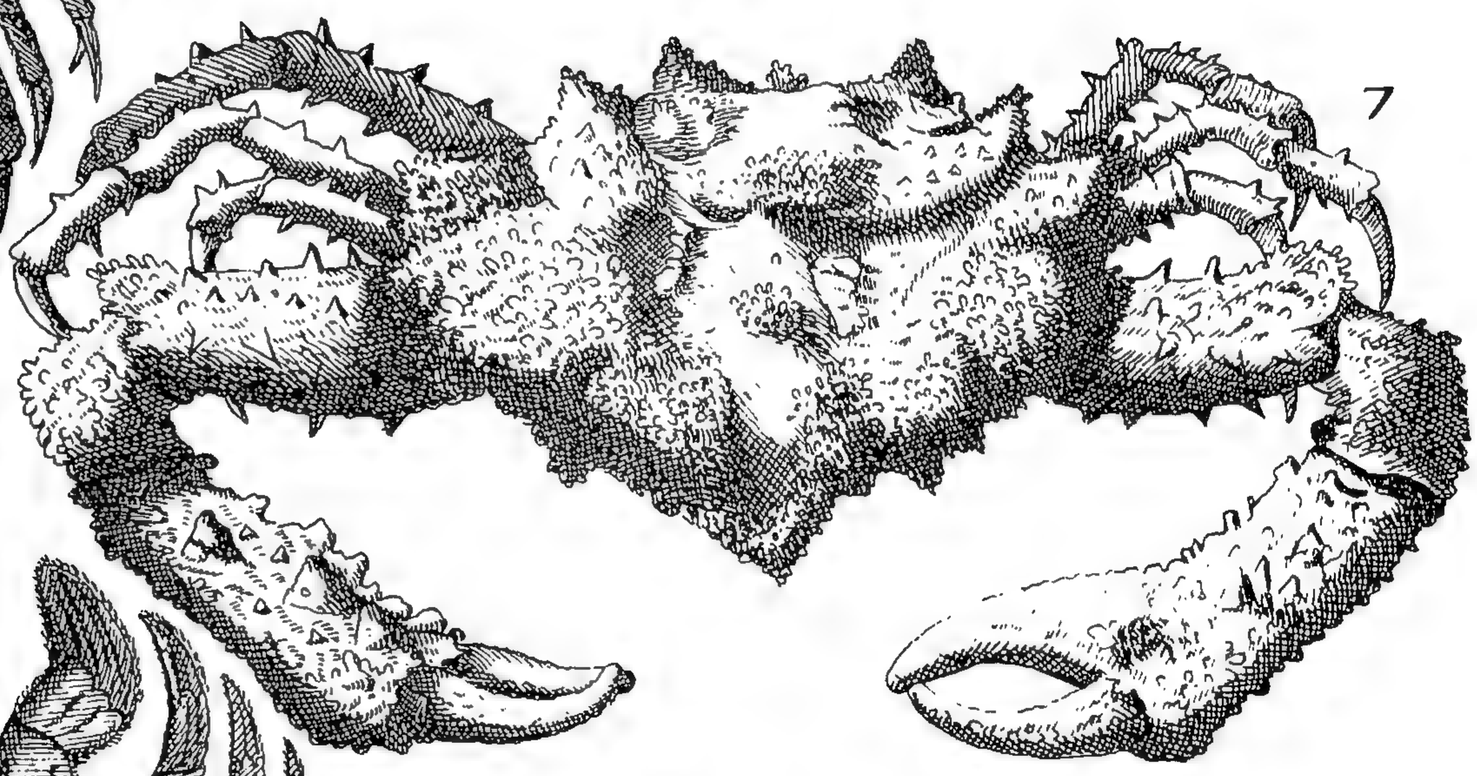
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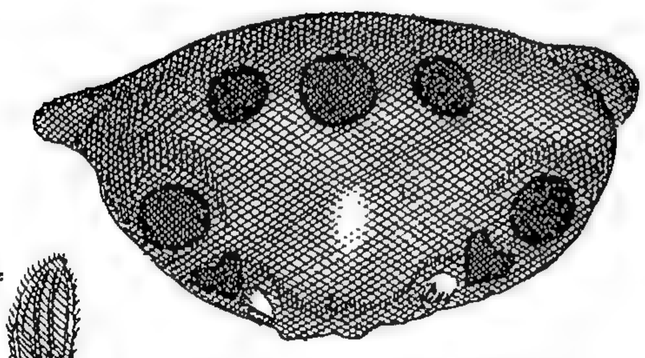
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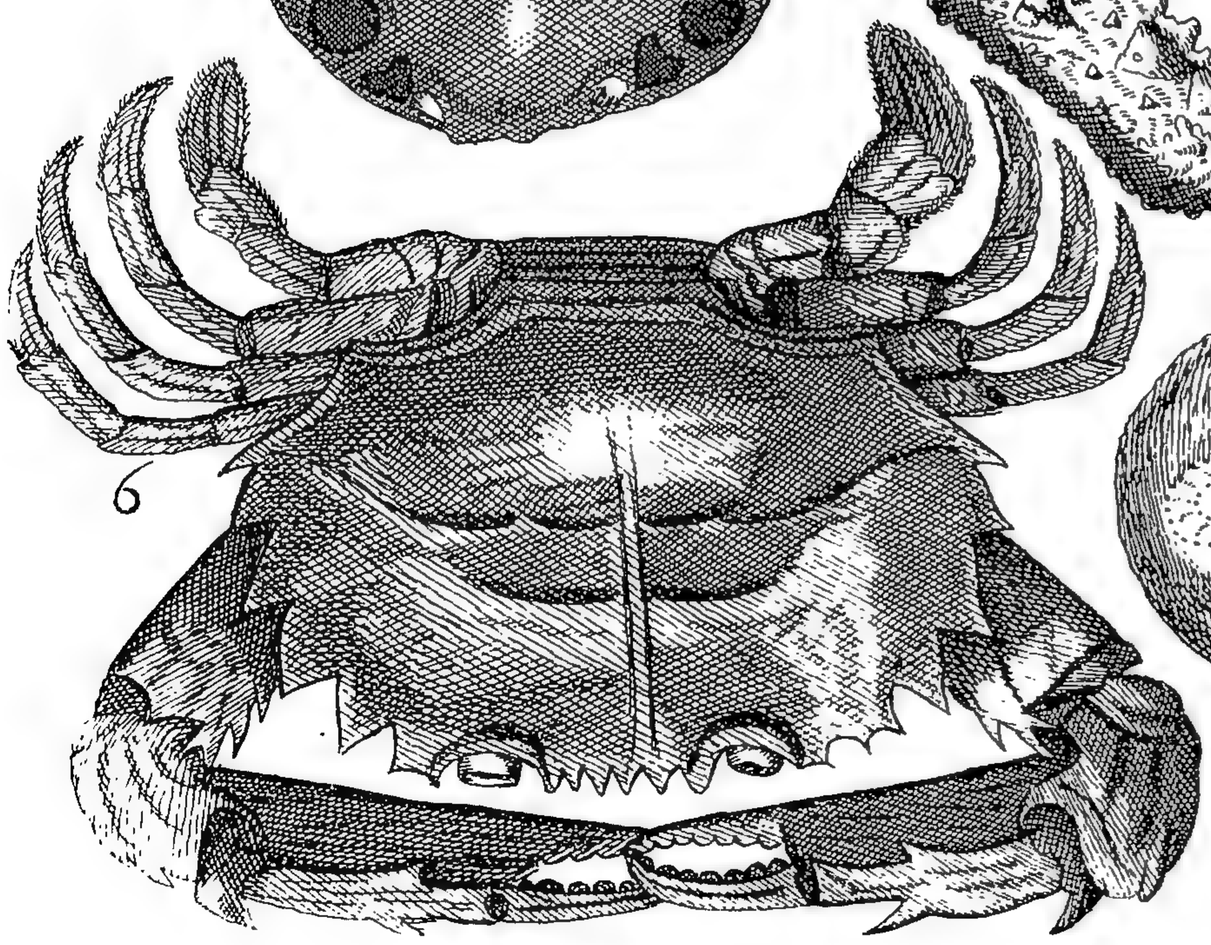
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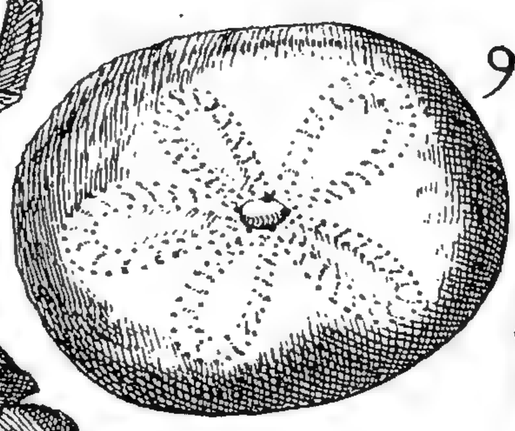
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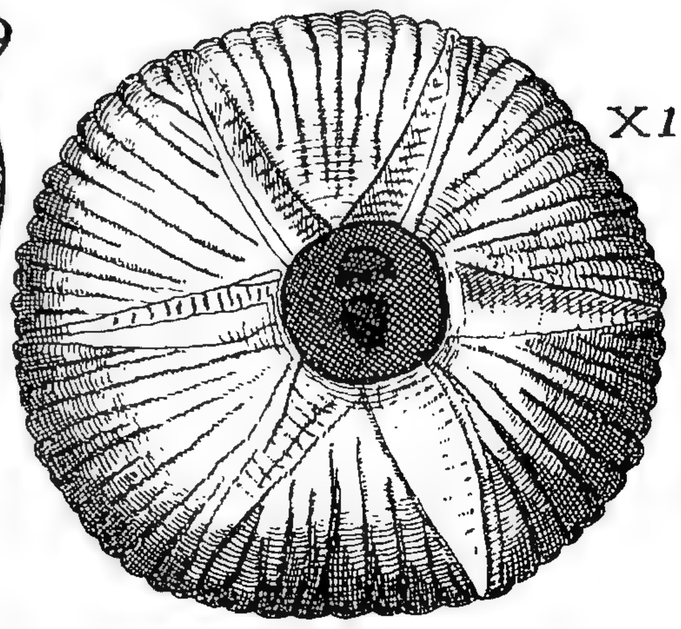
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6



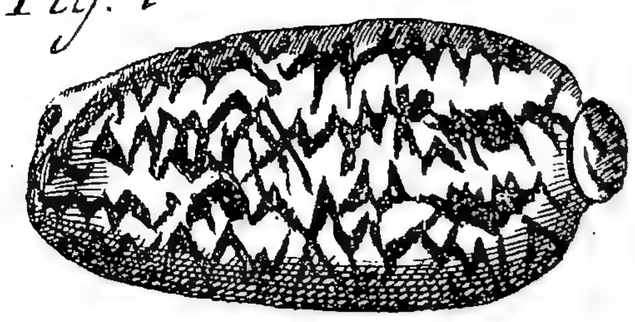
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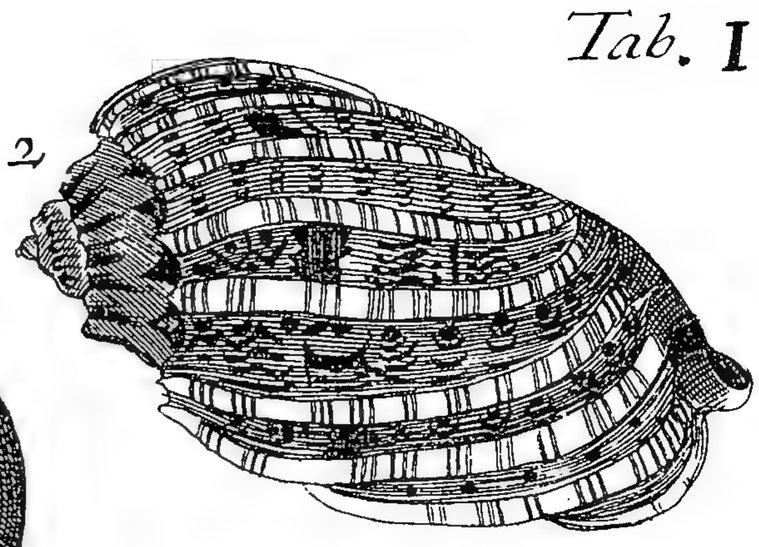


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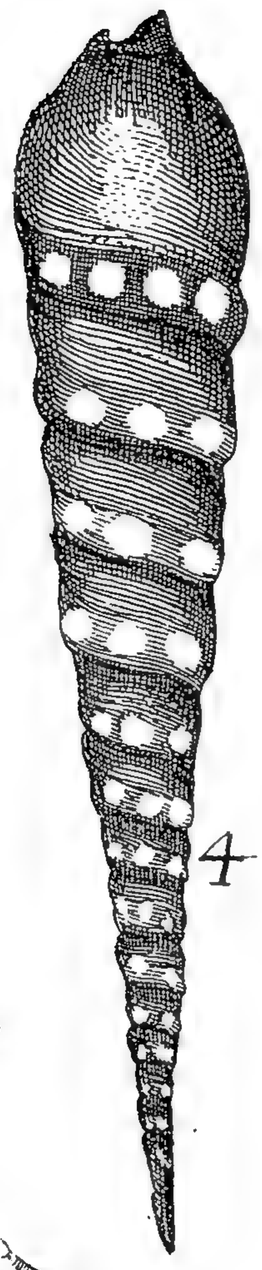
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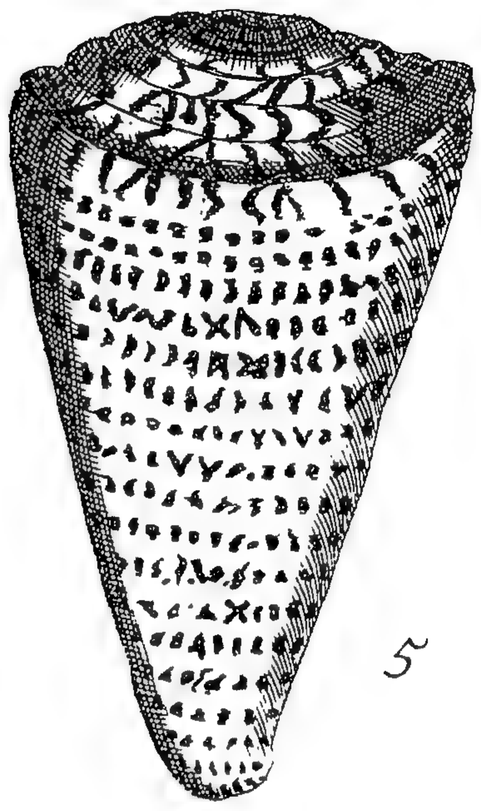




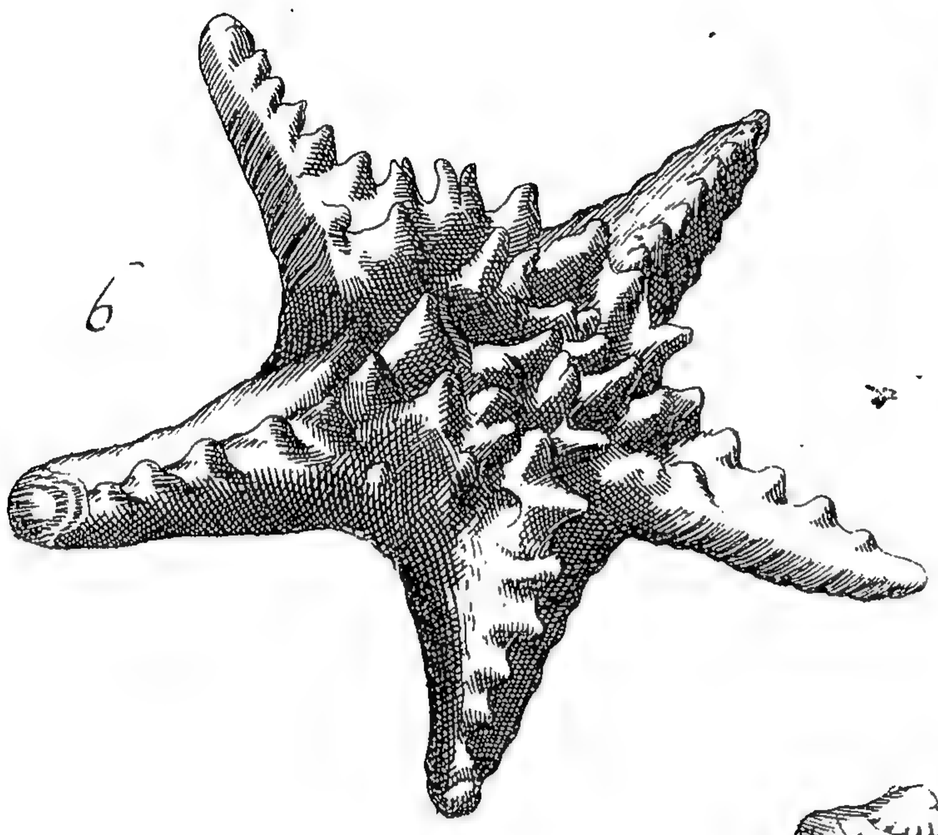
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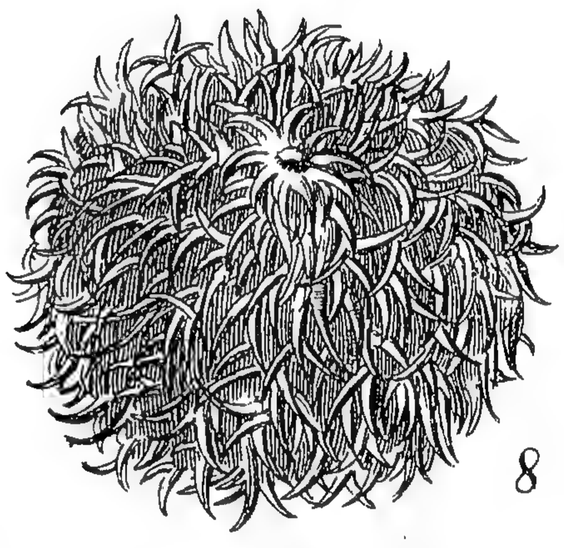
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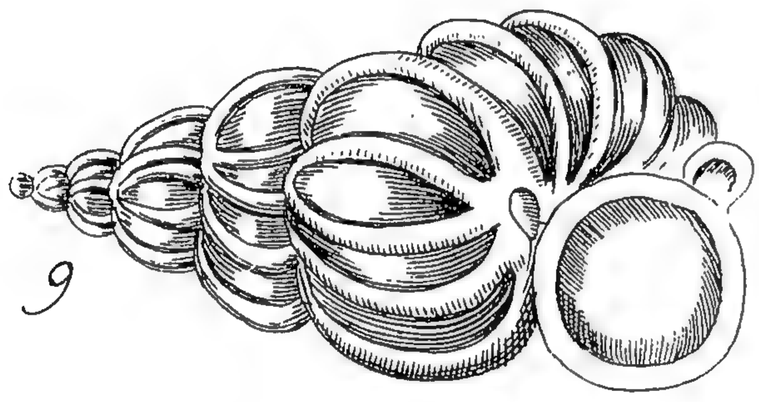
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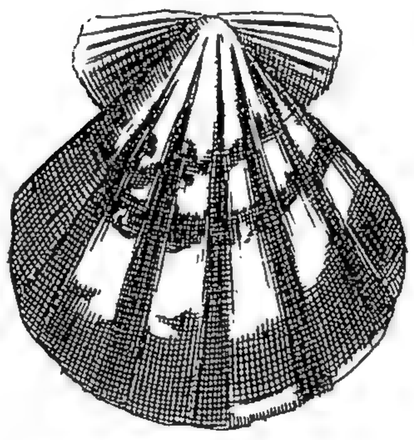
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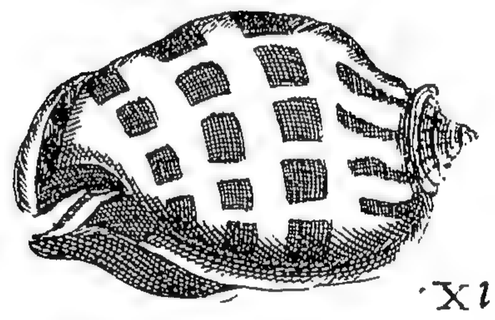
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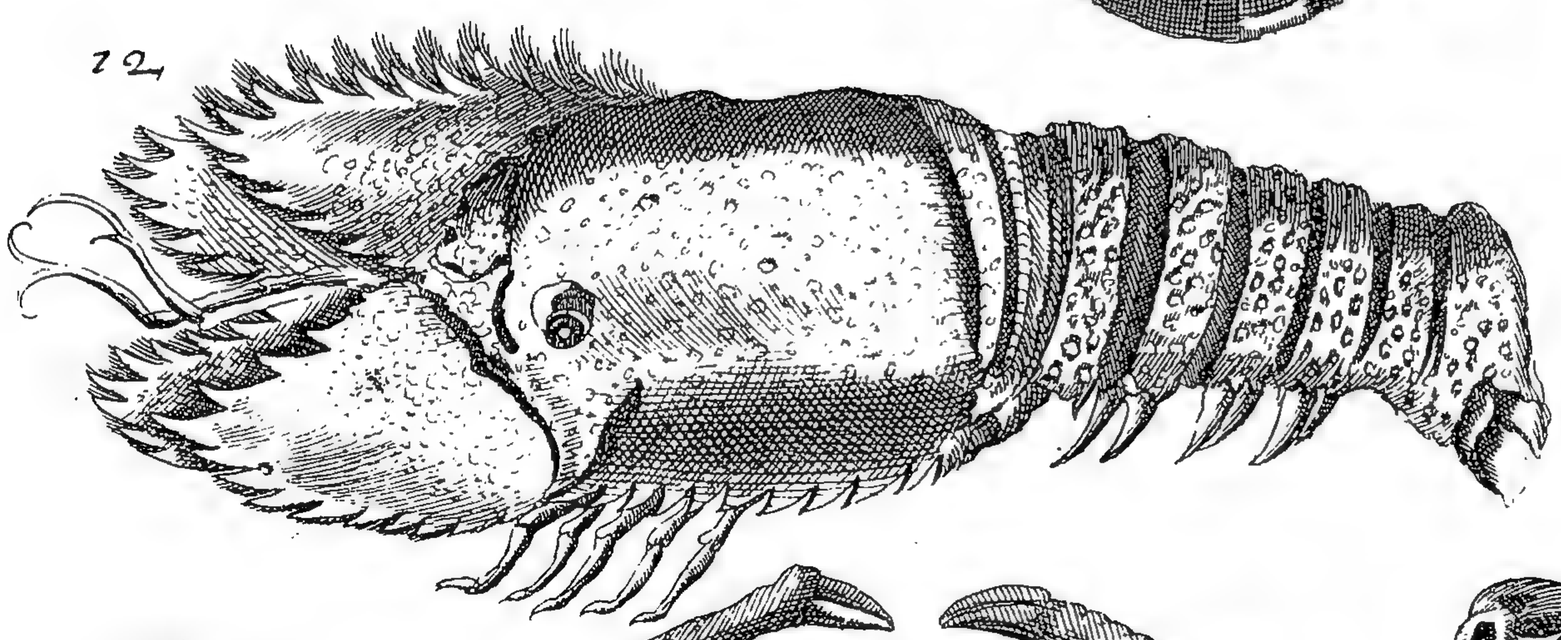


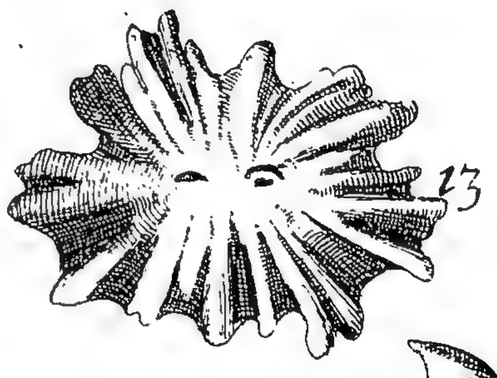
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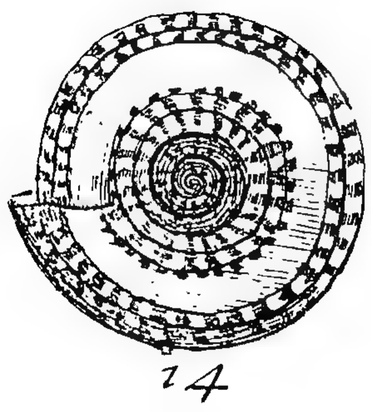
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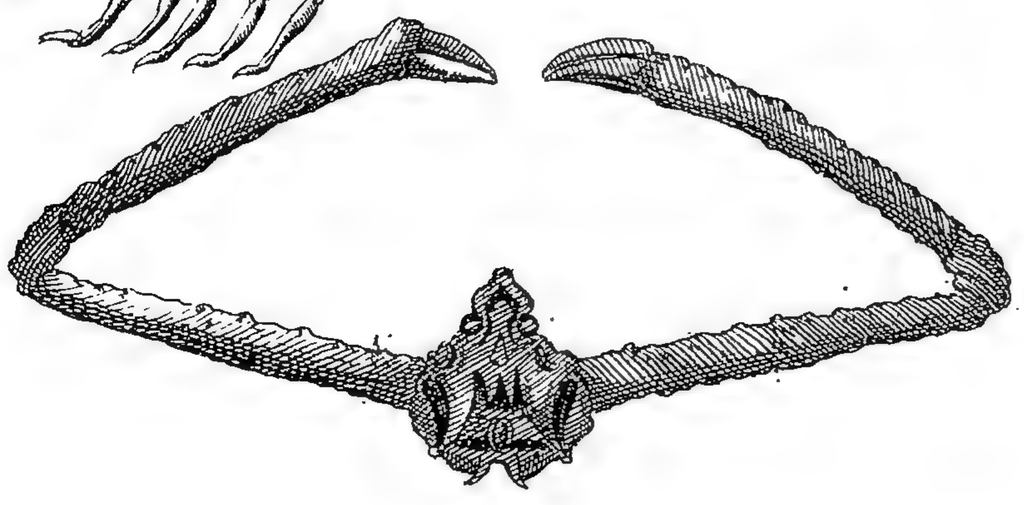




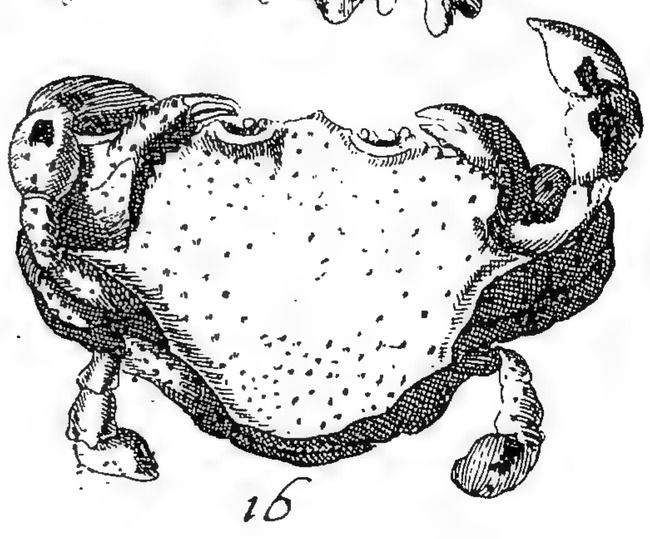
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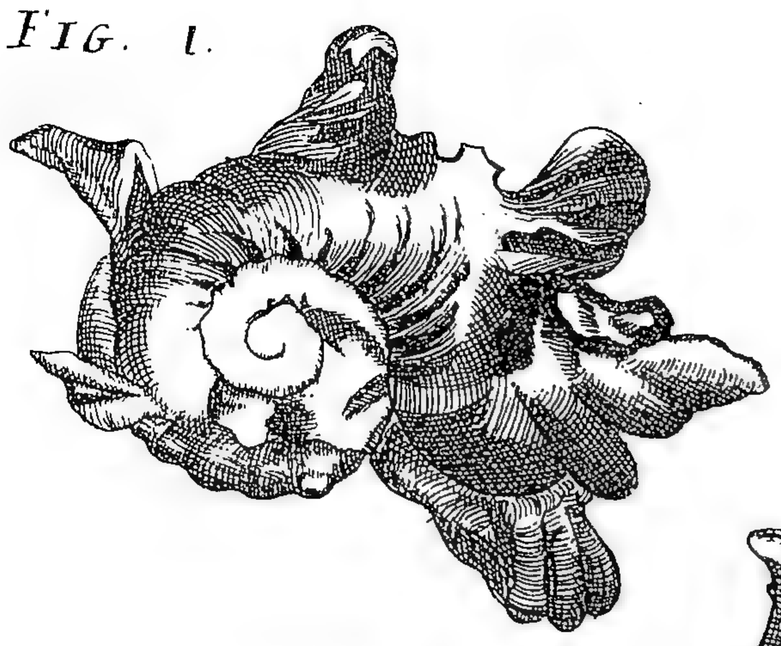
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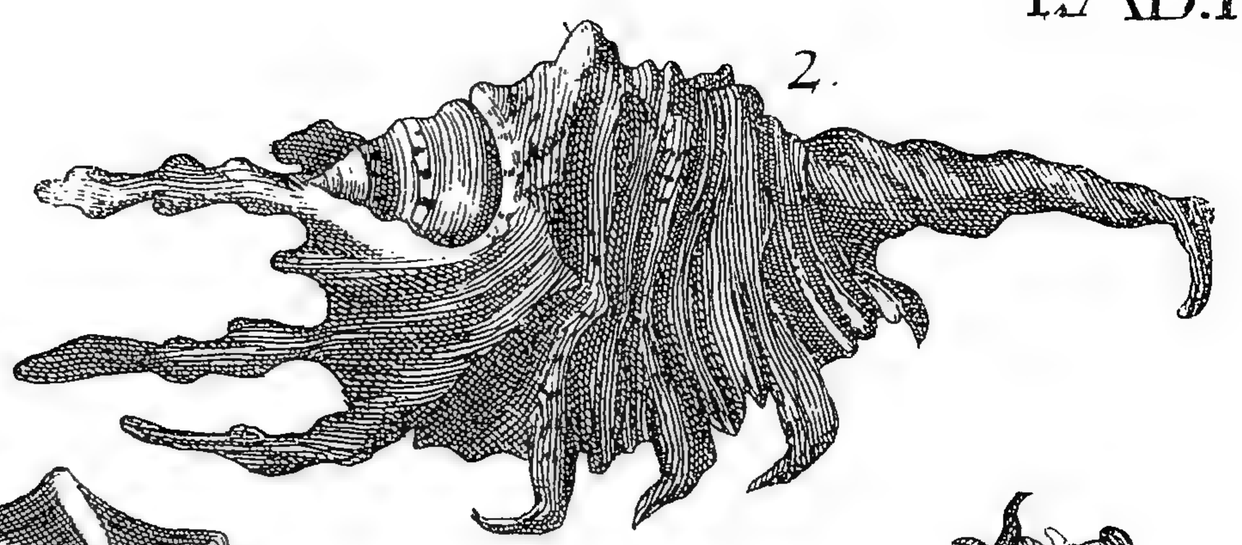


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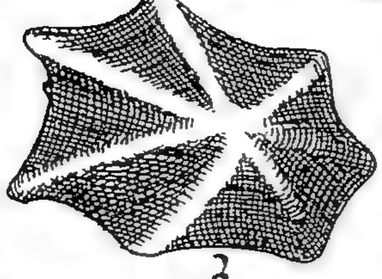
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FIG. 1.





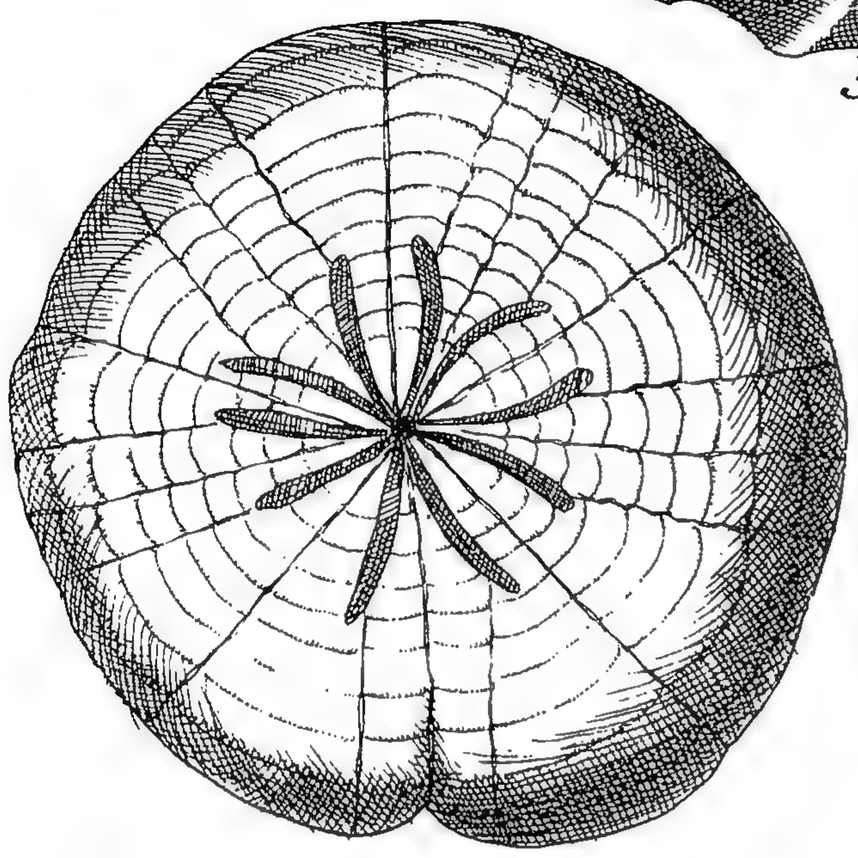
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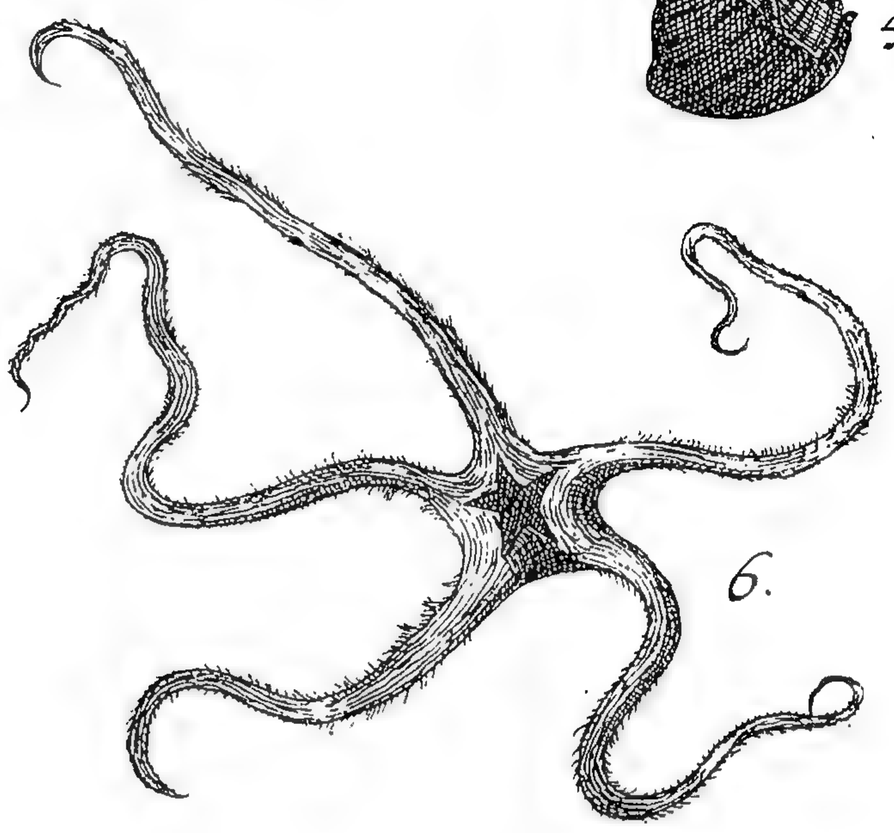
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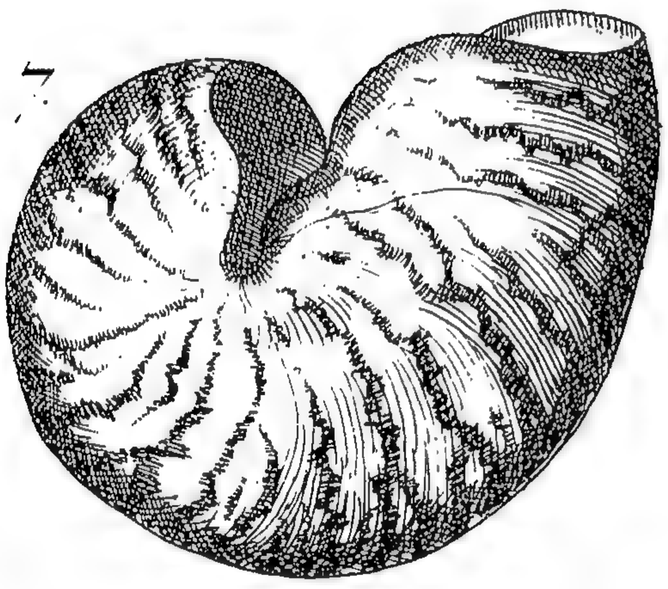
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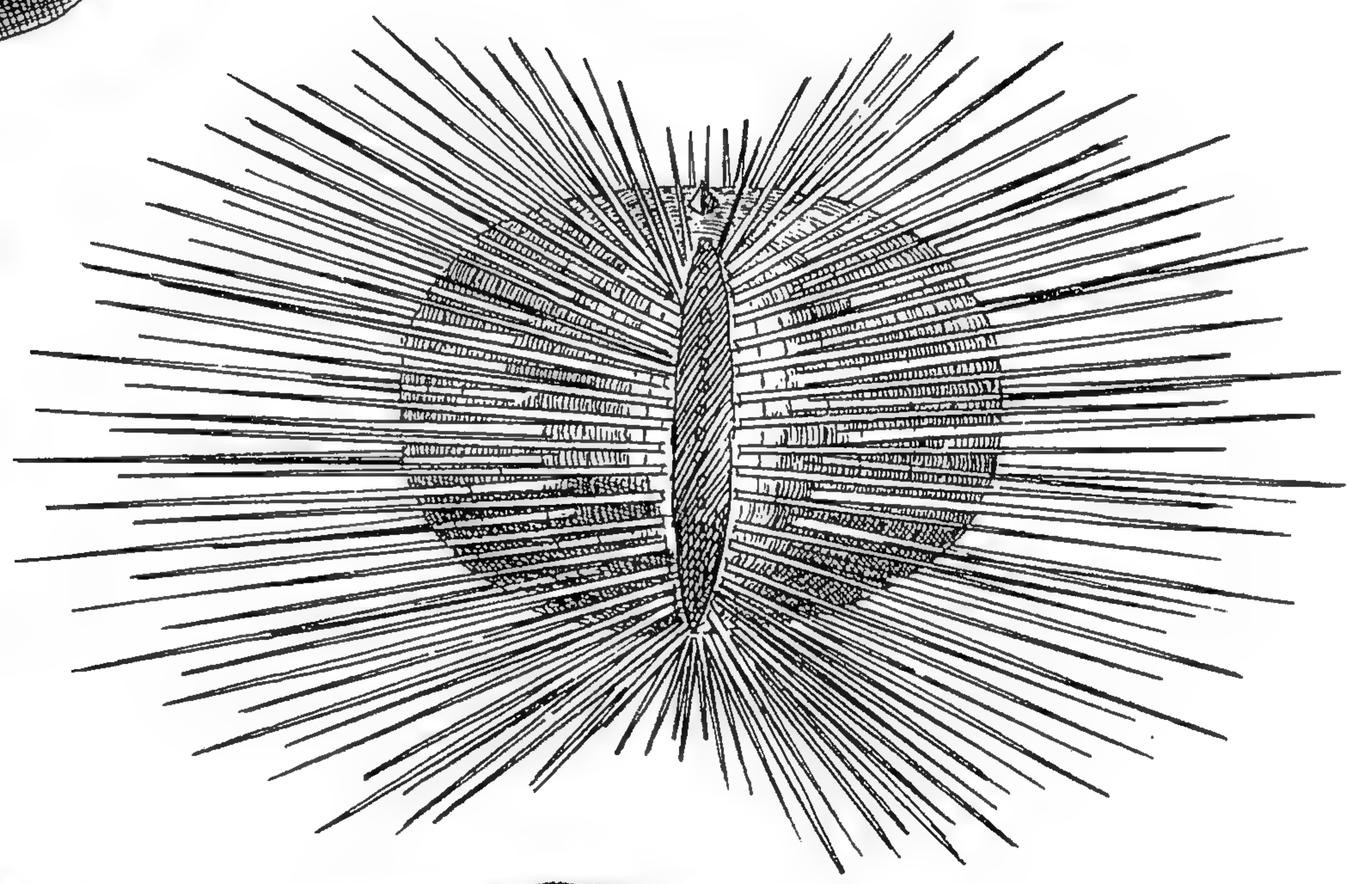
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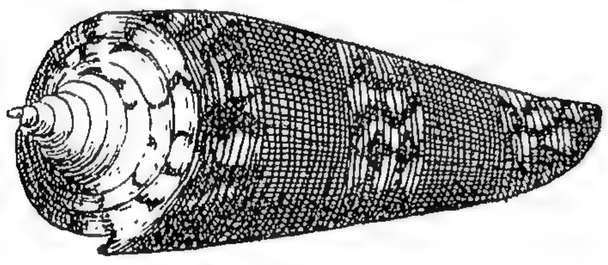
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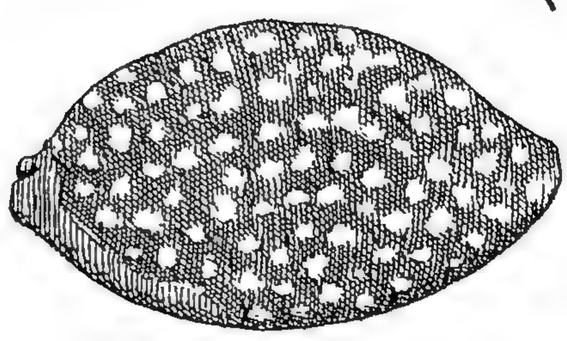
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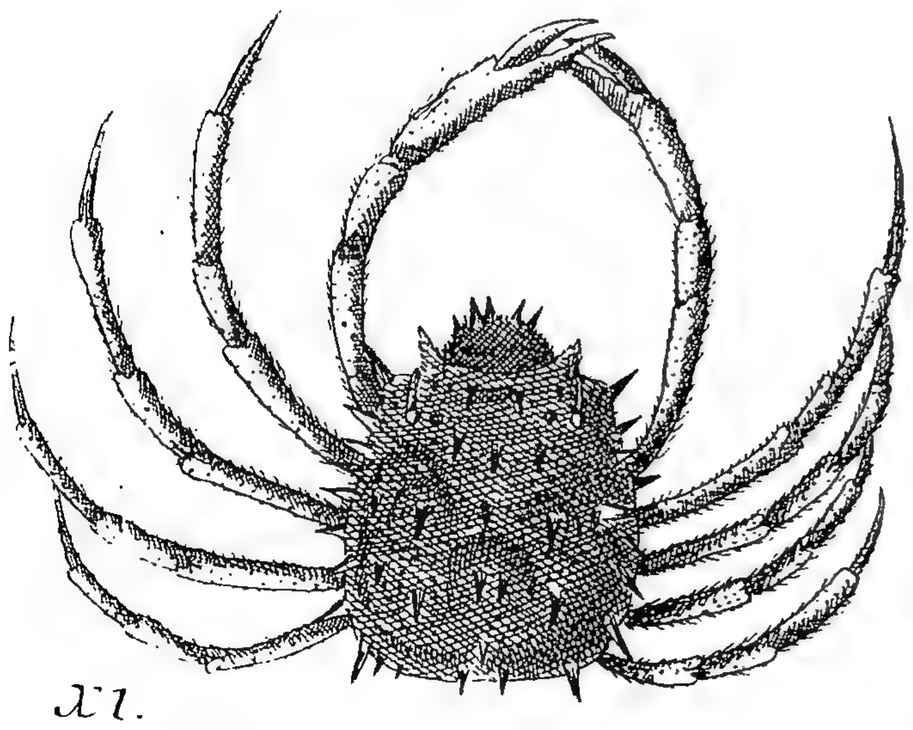
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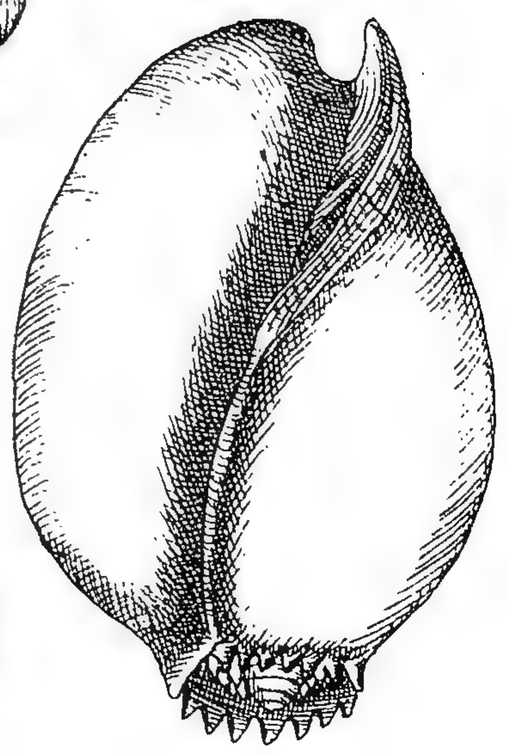
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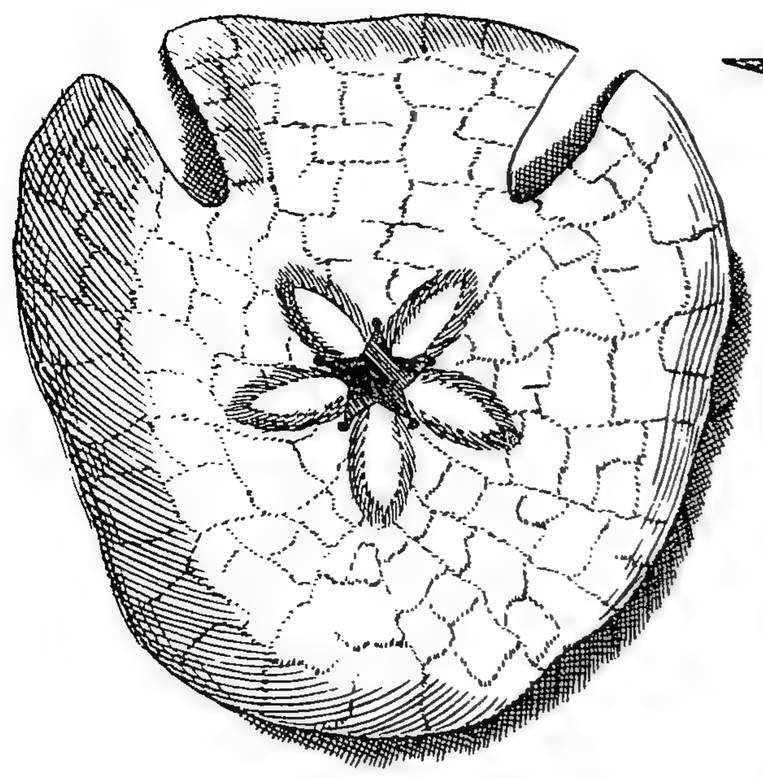


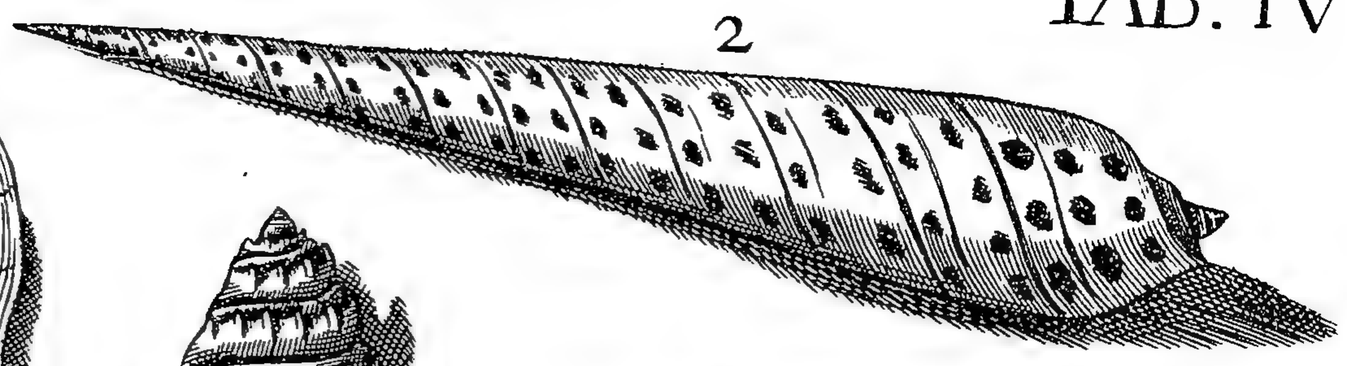
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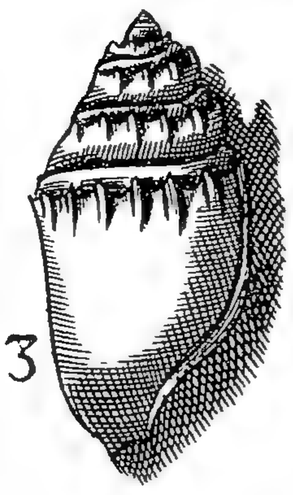
Fig. 1

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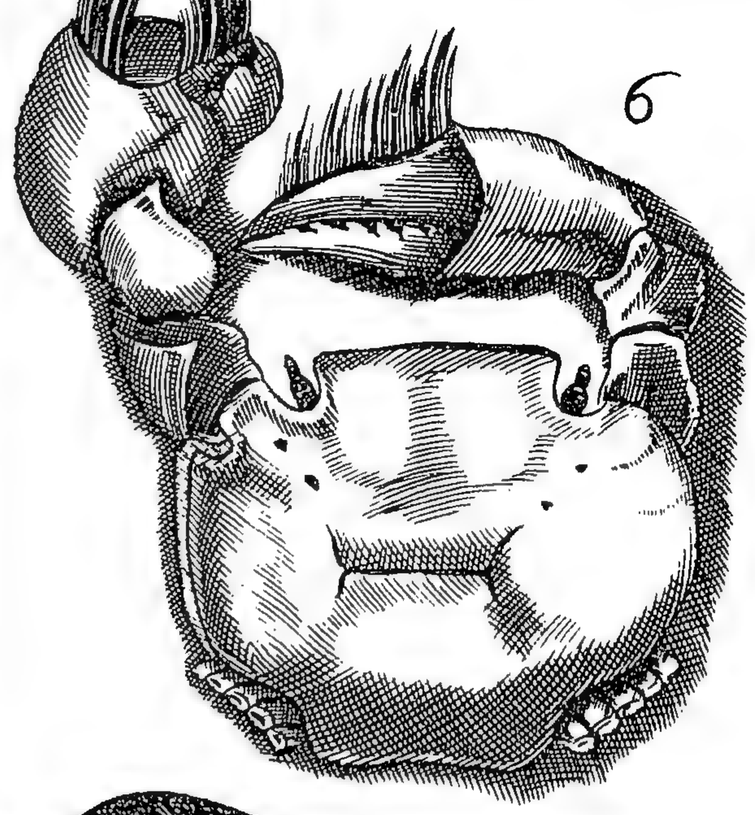




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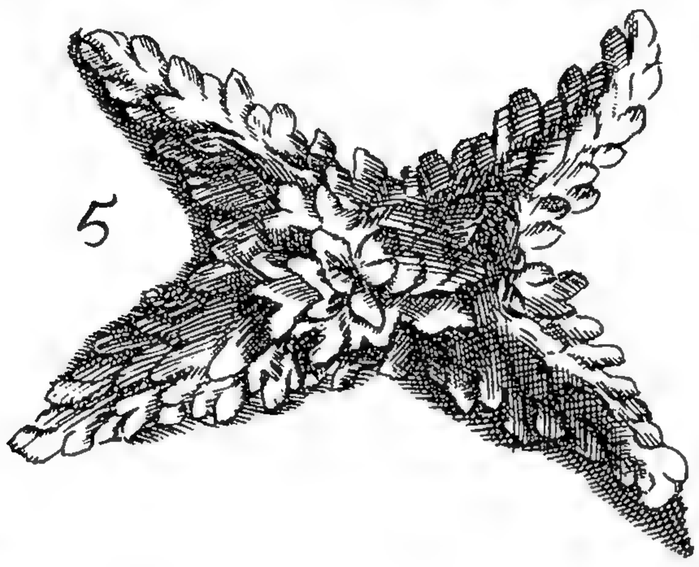
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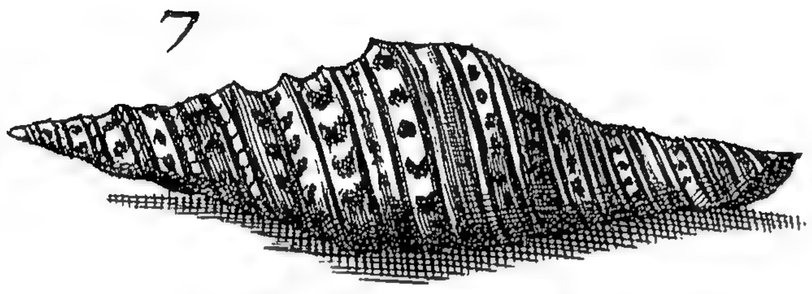
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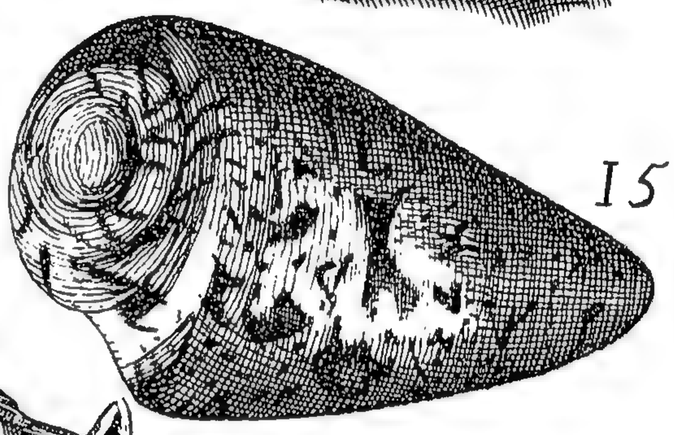
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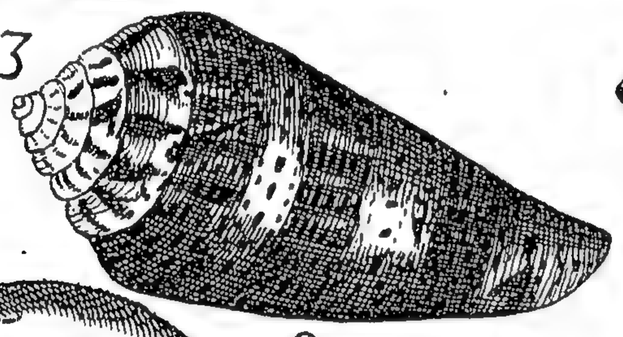
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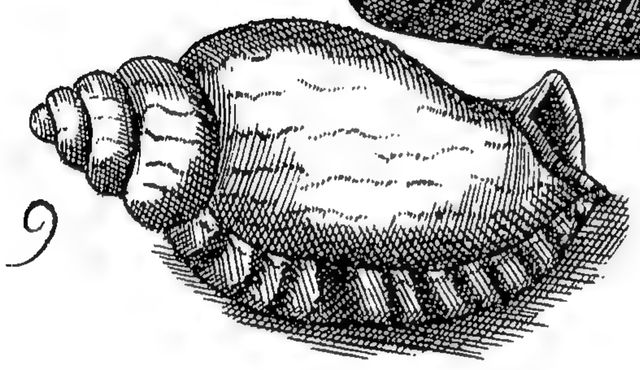
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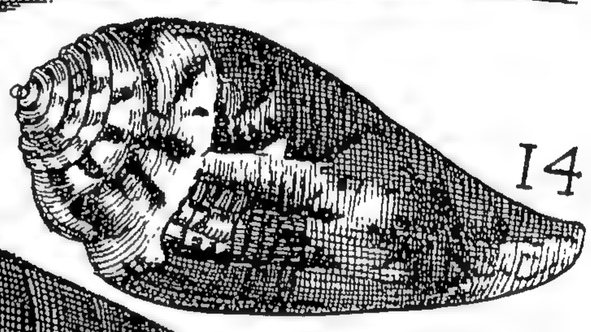
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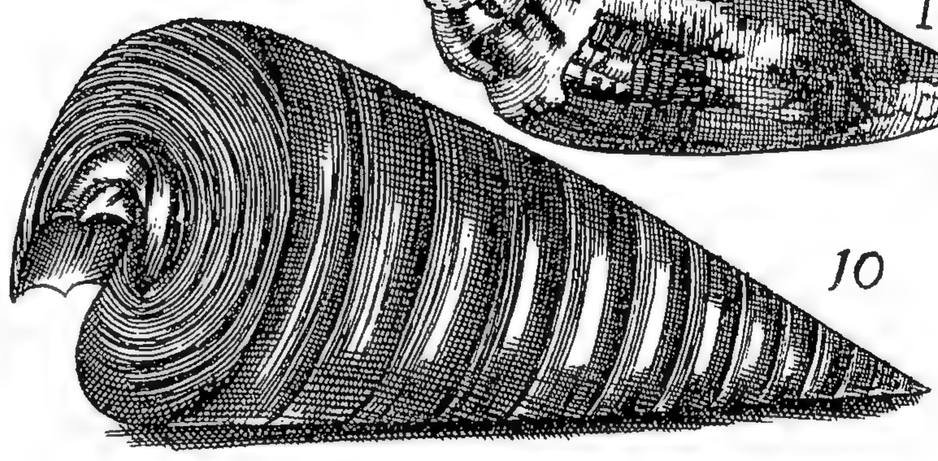
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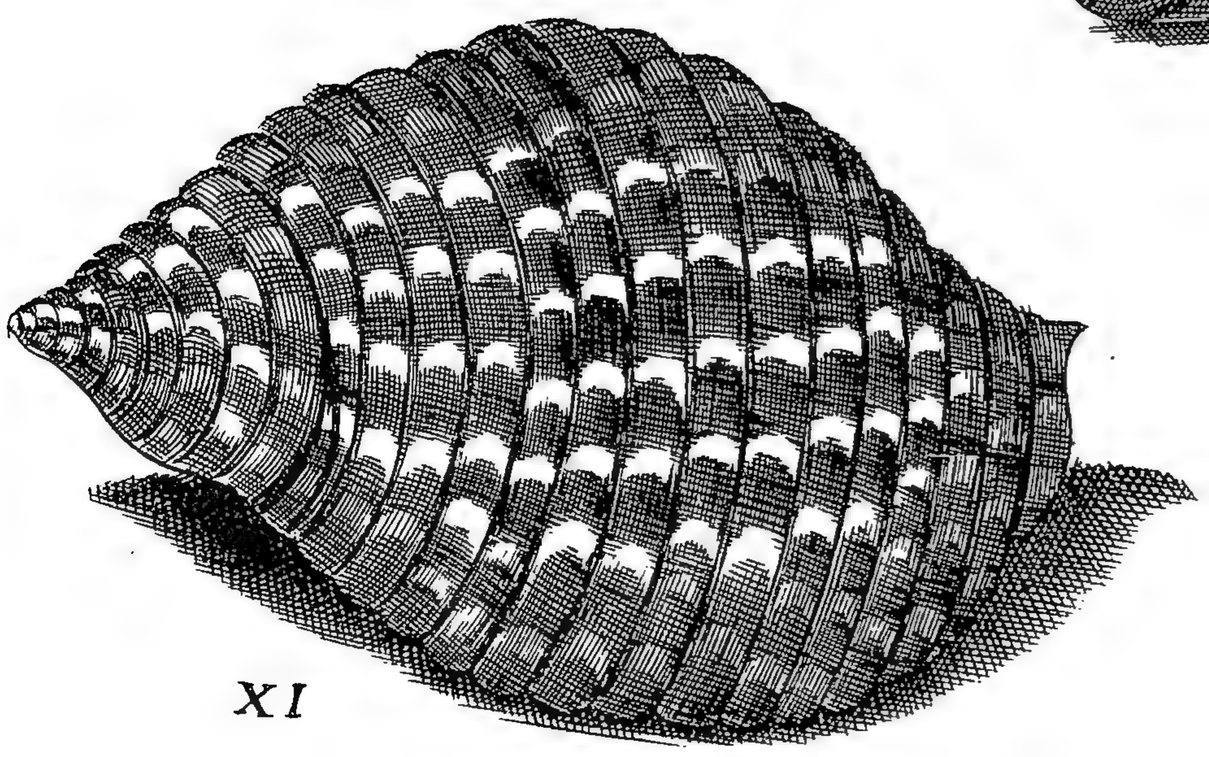
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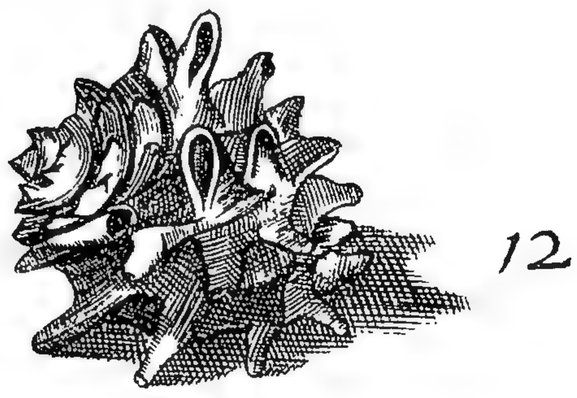
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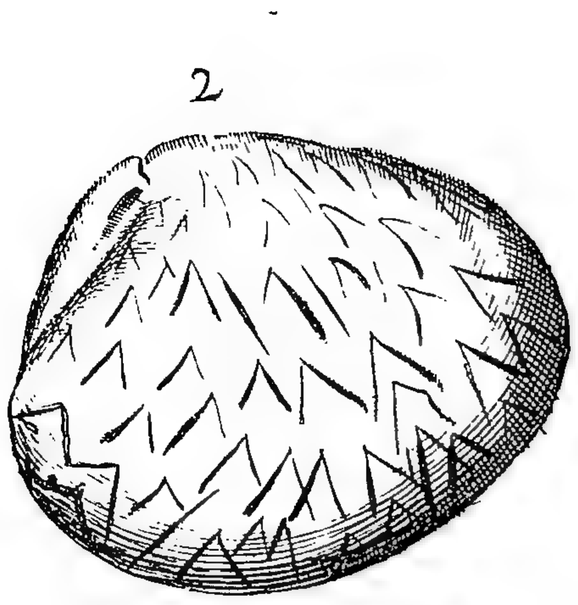
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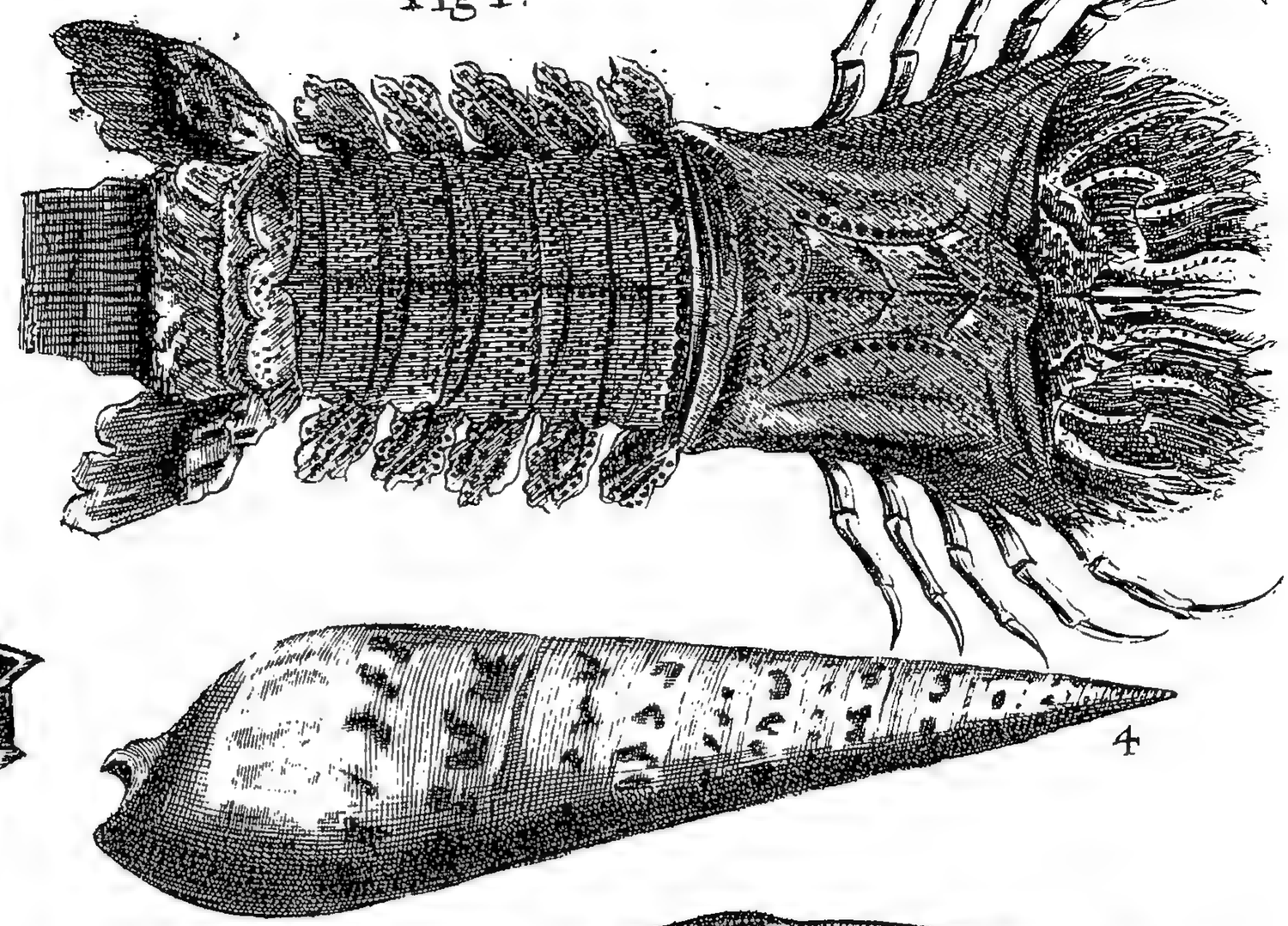


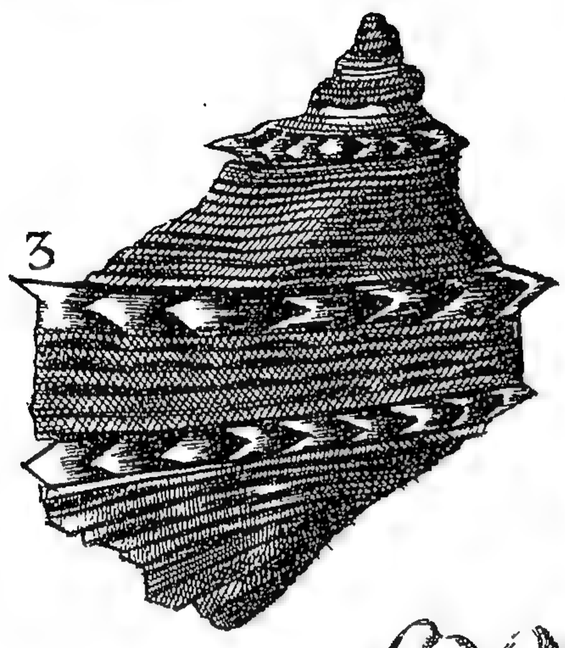
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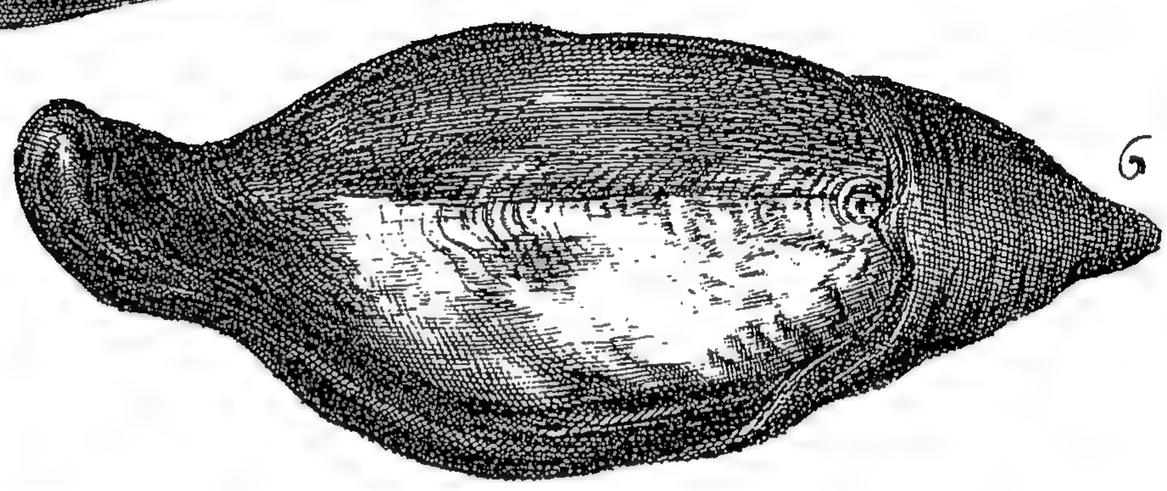
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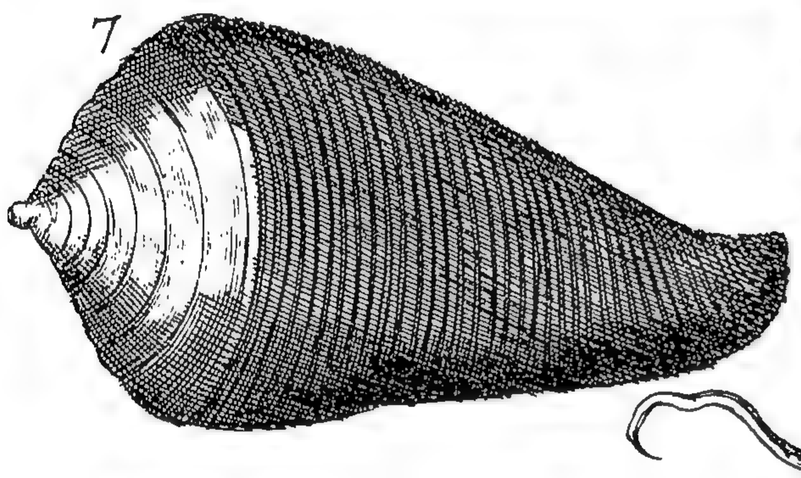


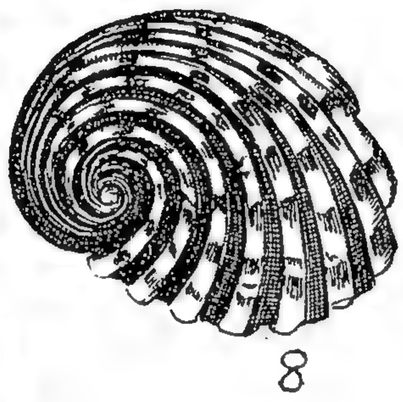


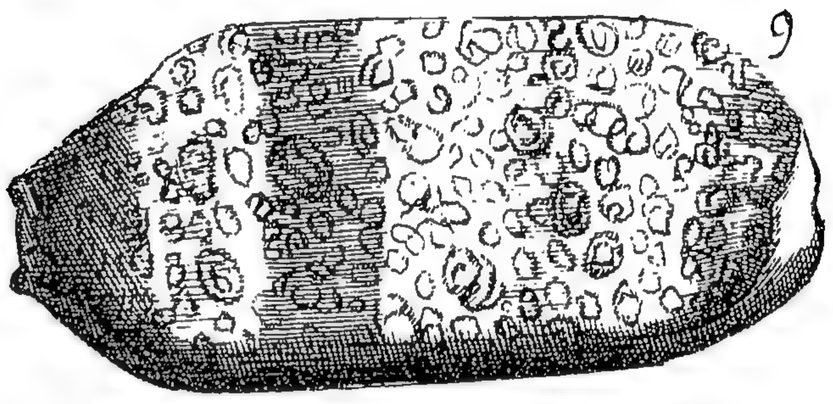


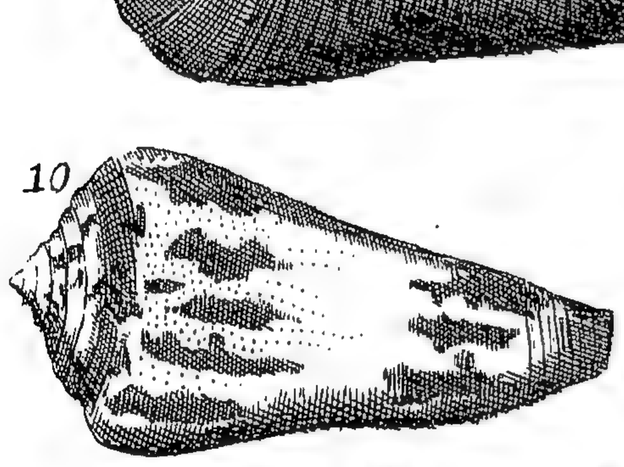






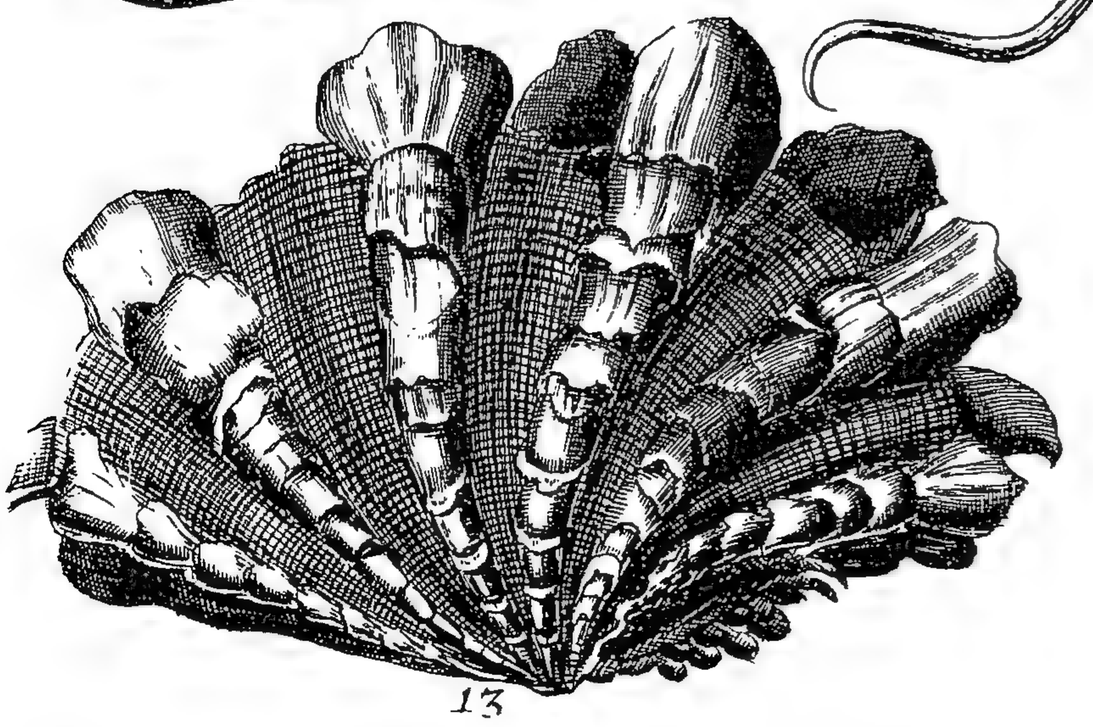


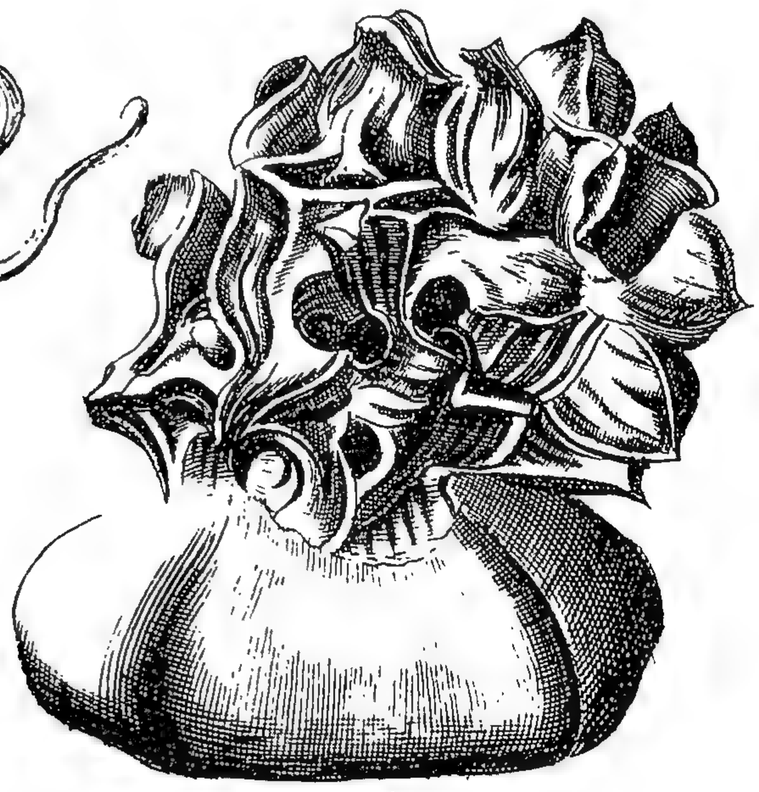






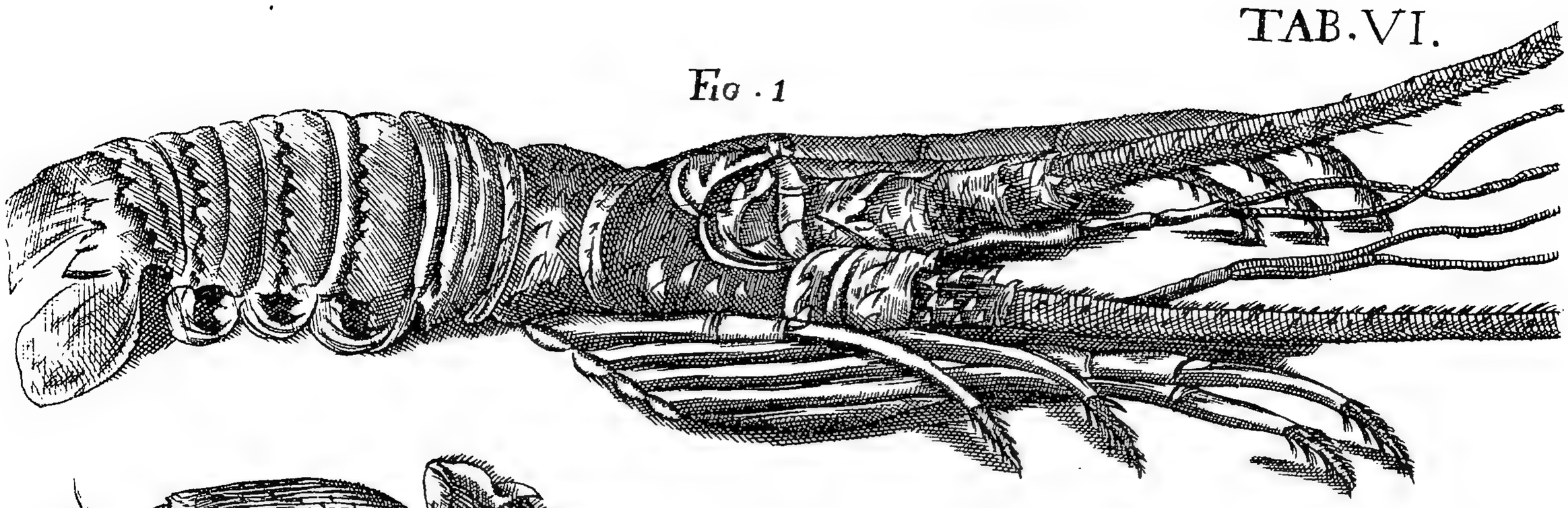




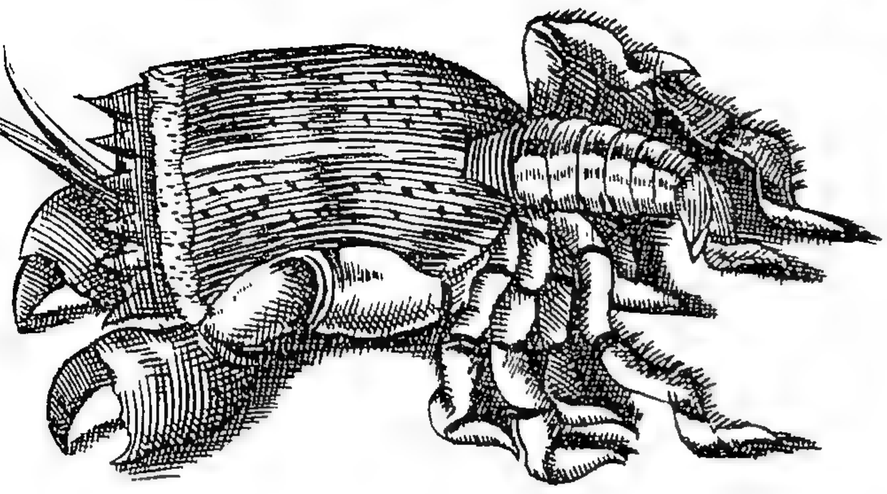


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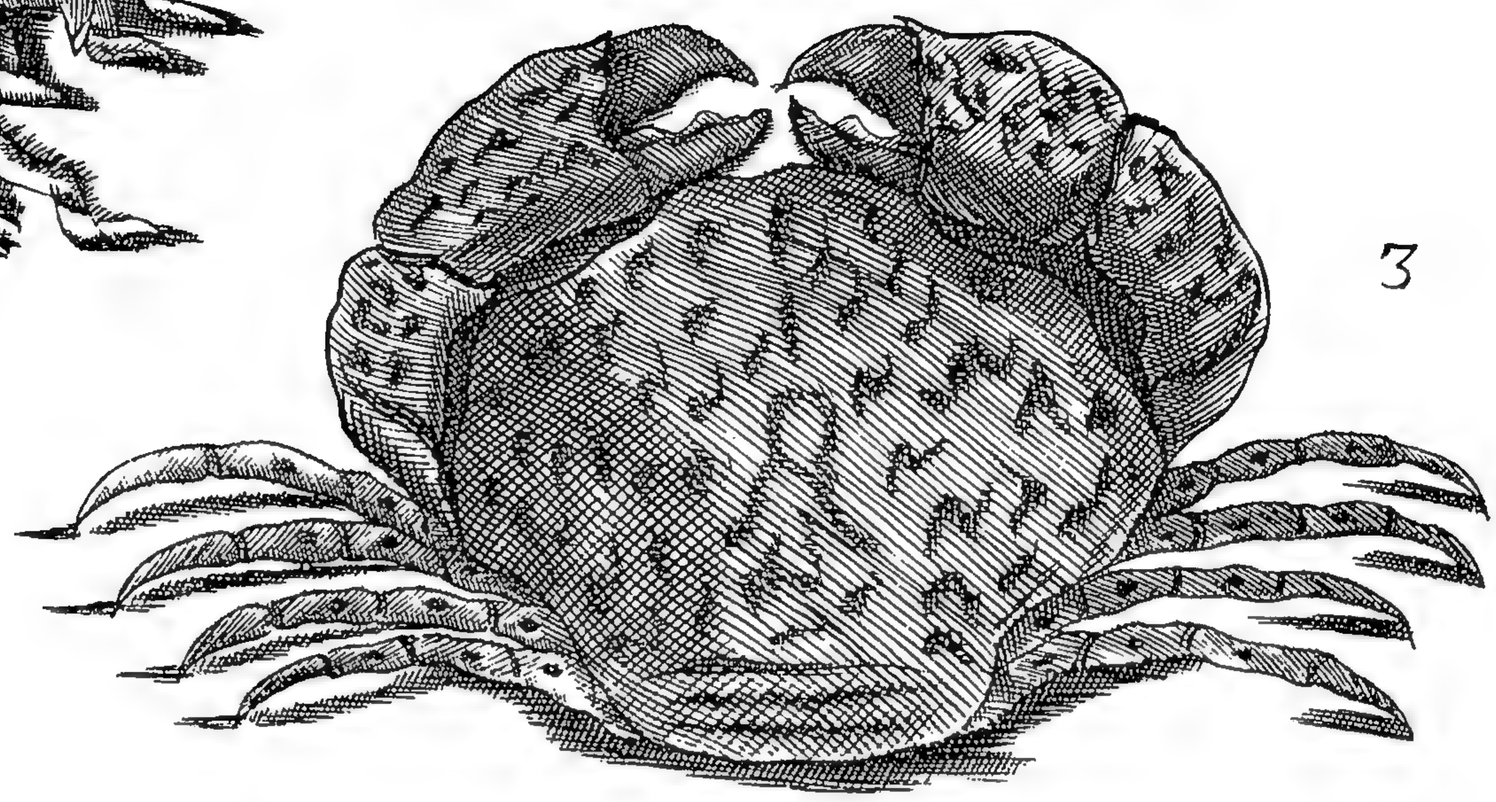
Fig. 1



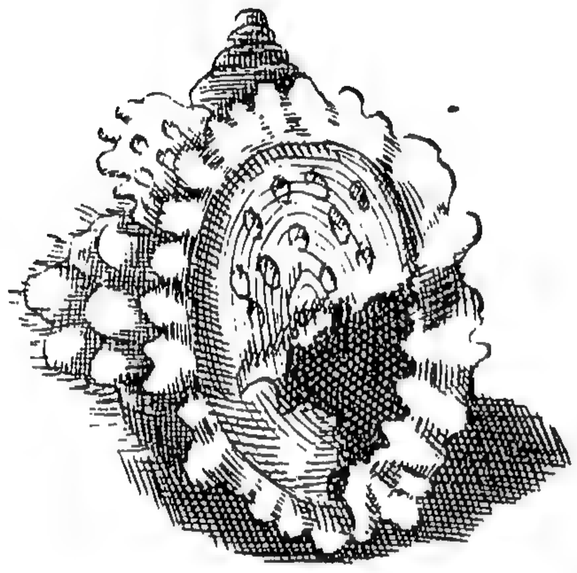
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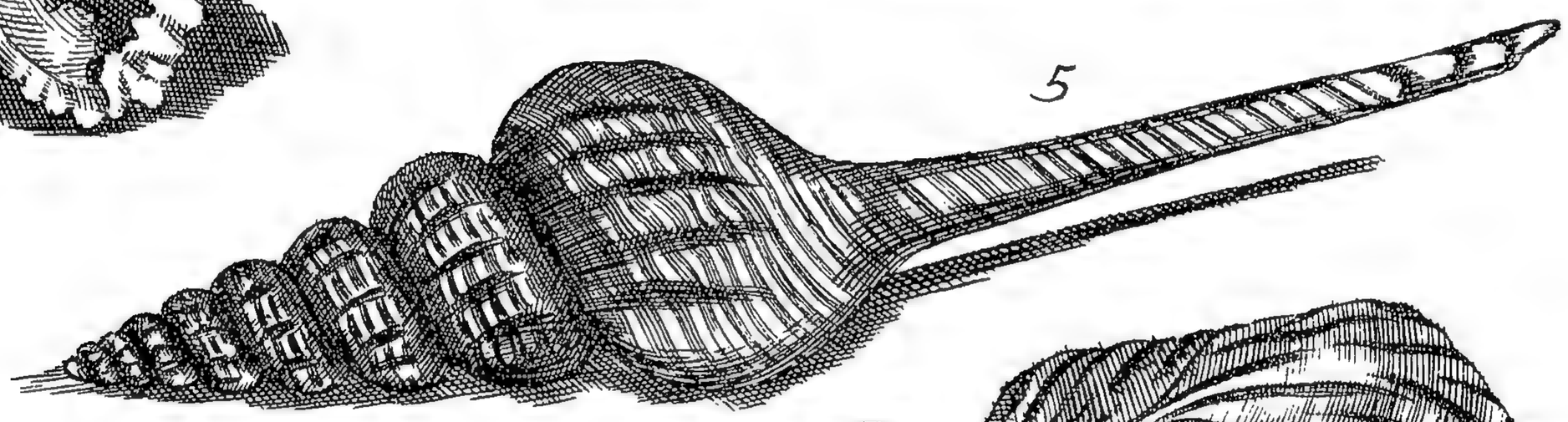
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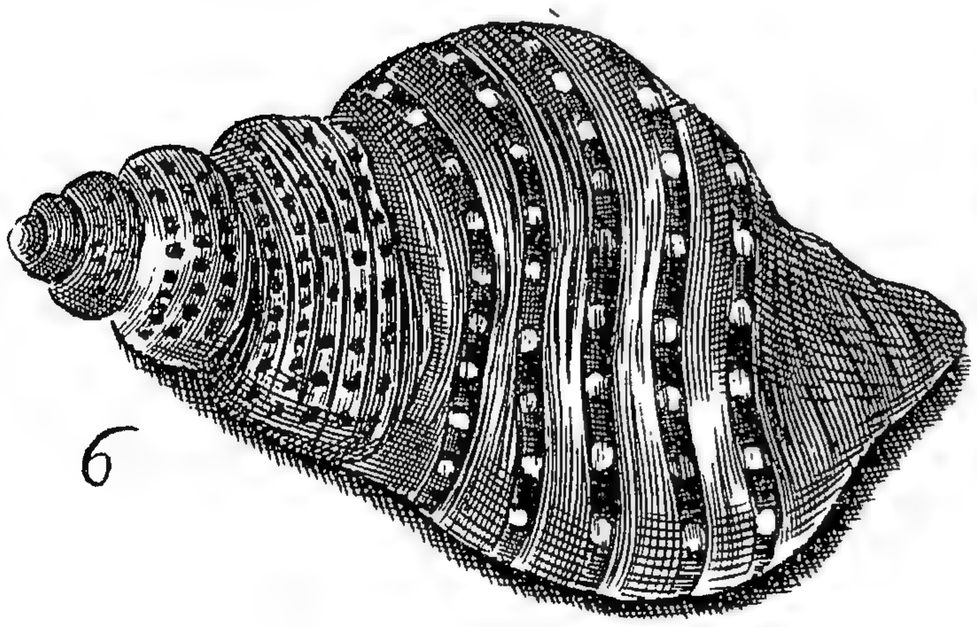
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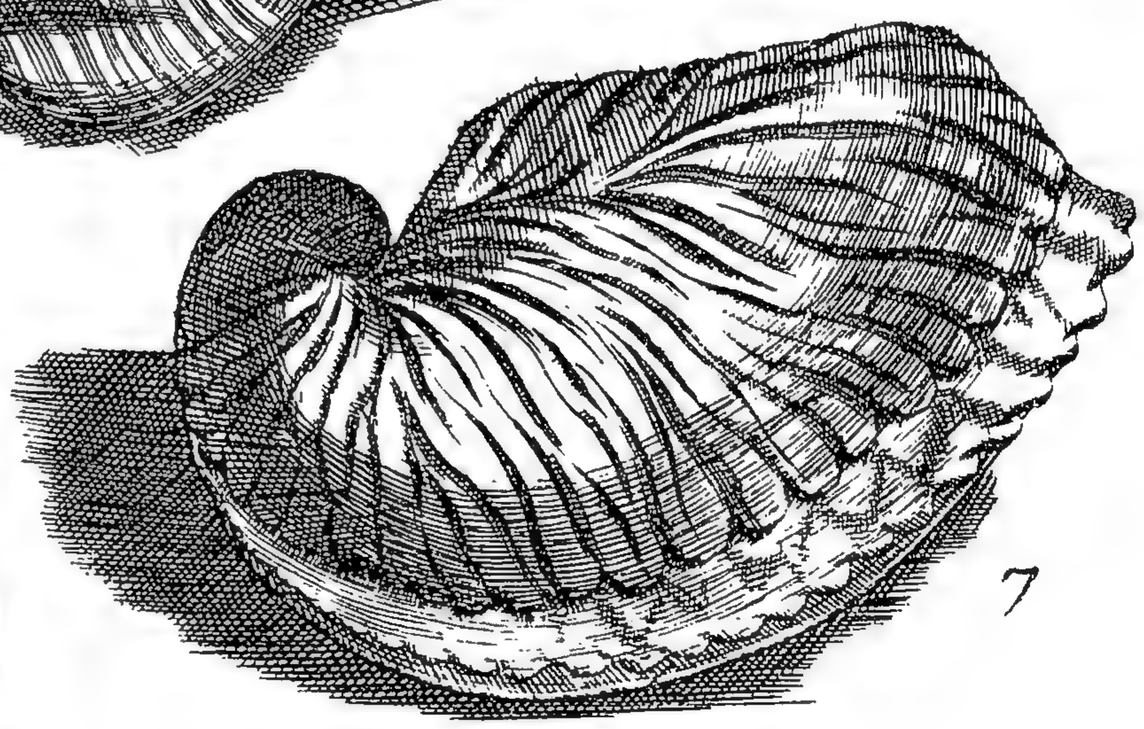
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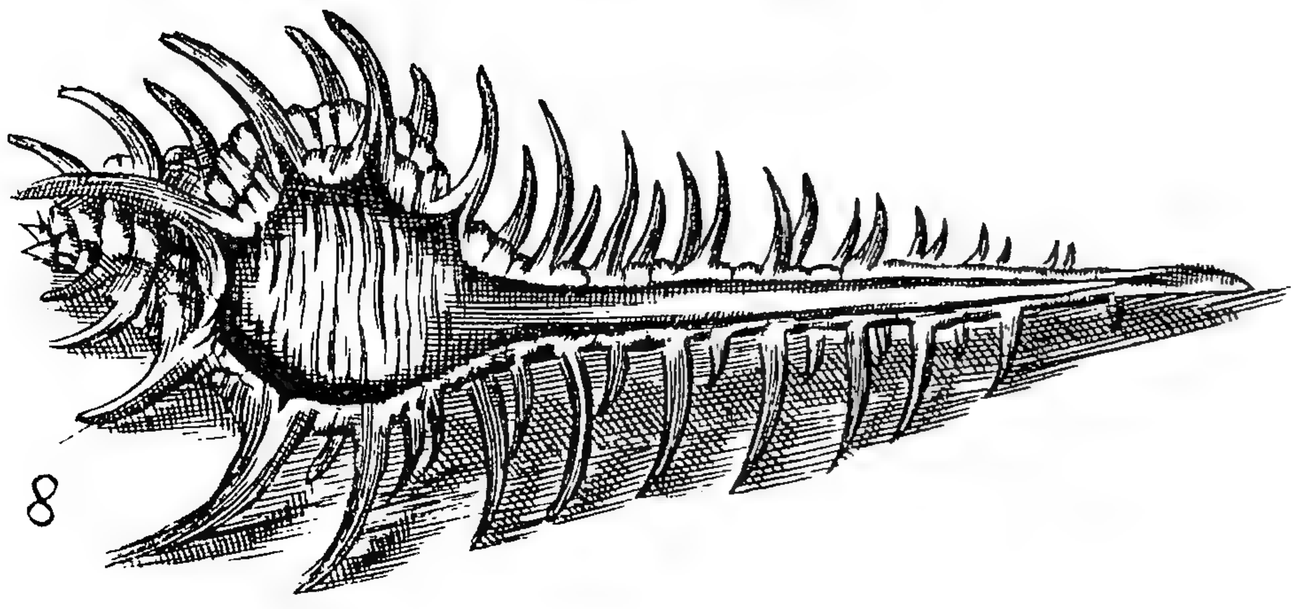
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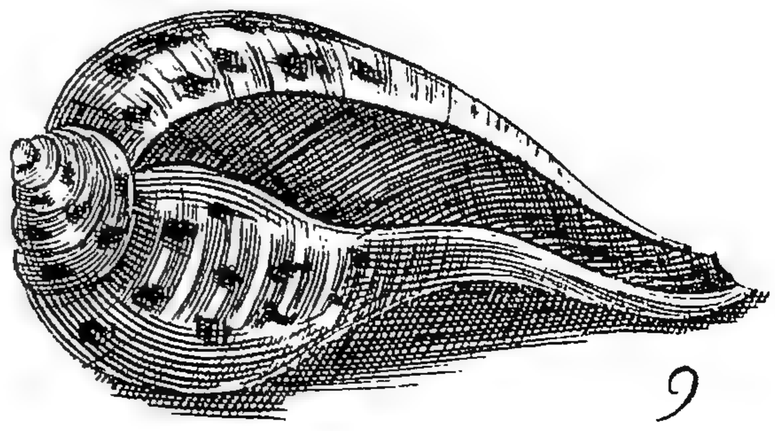
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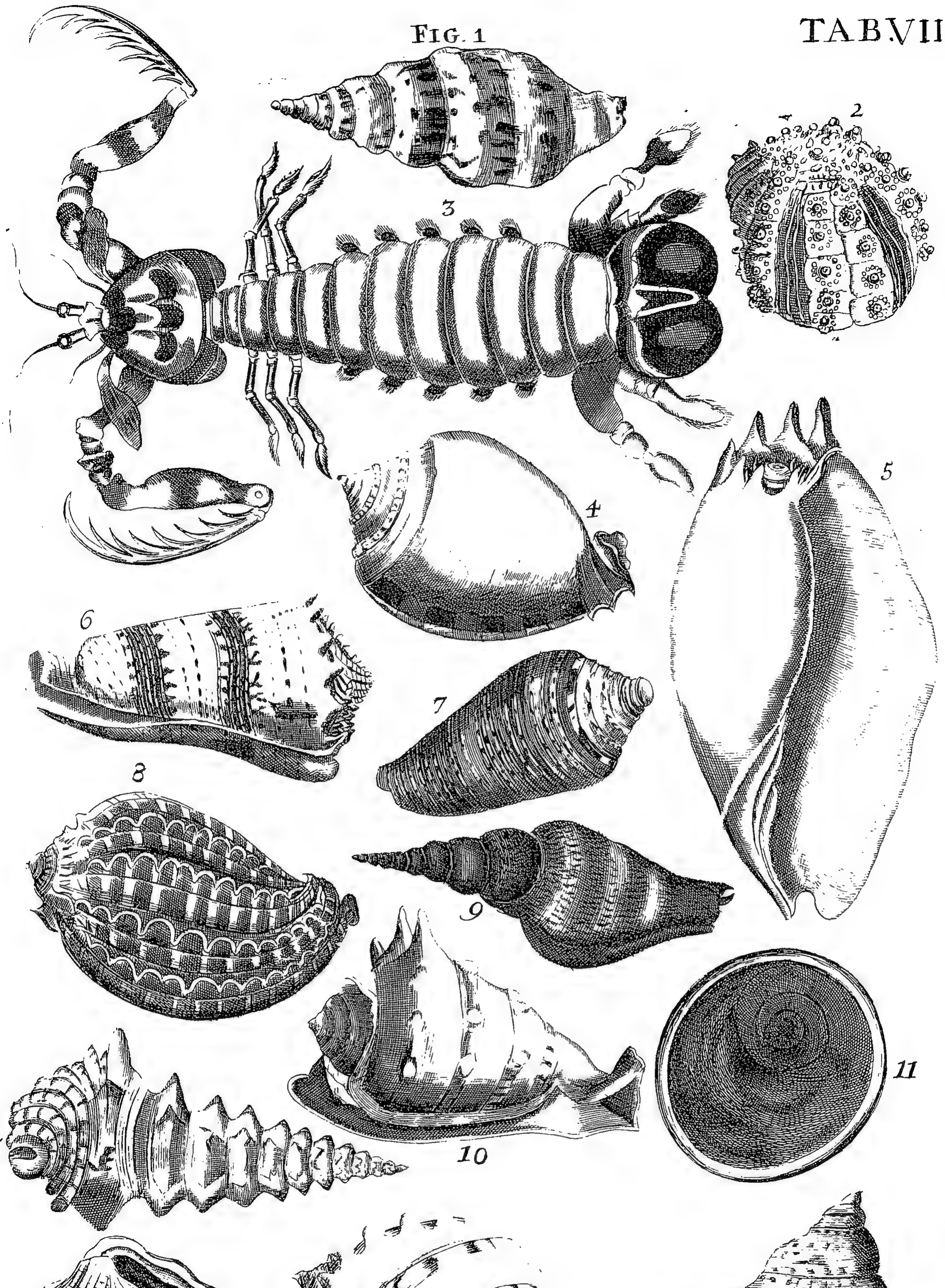


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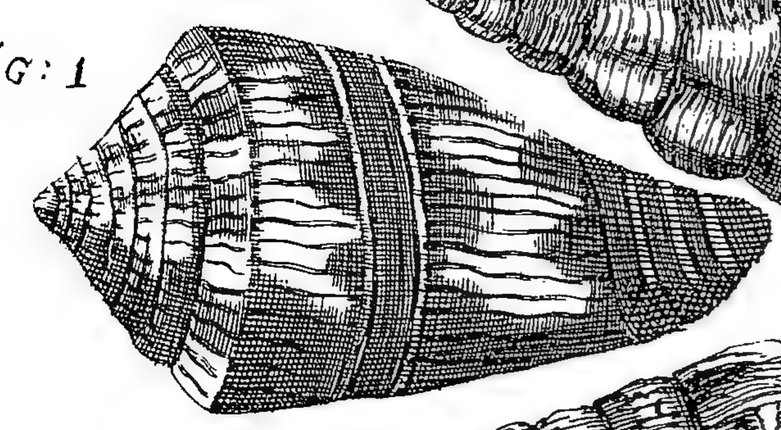
TAB.VII.

FIG. 1

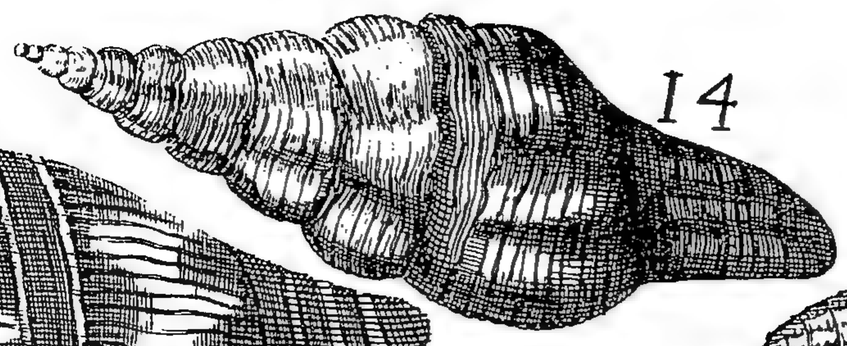


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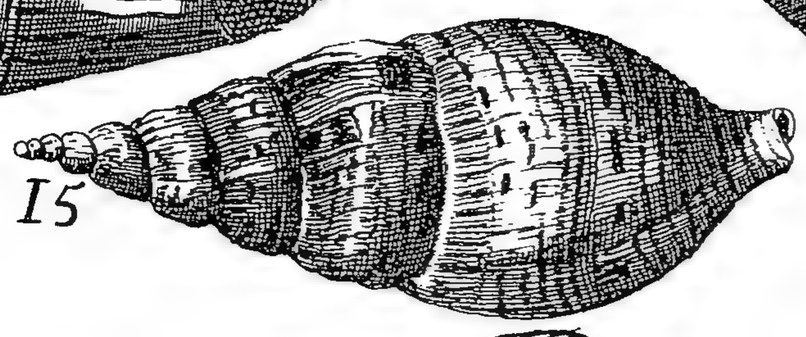
FIG: 1



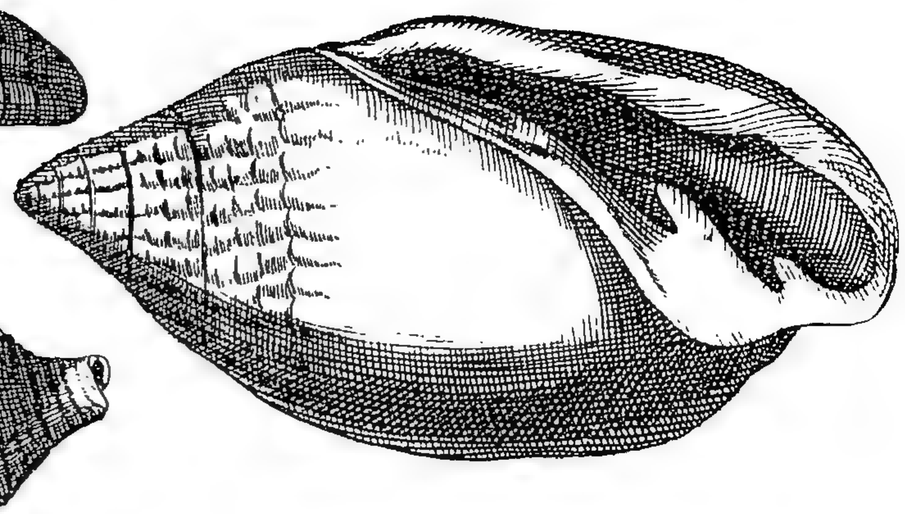
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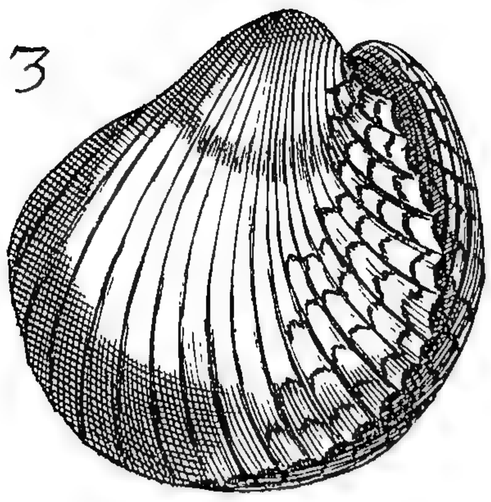
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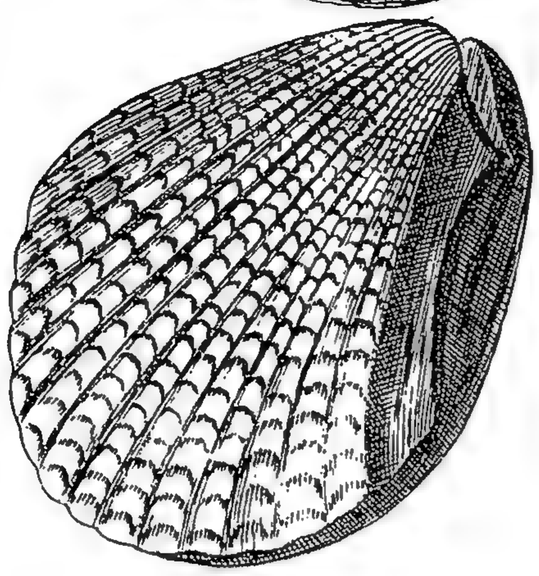


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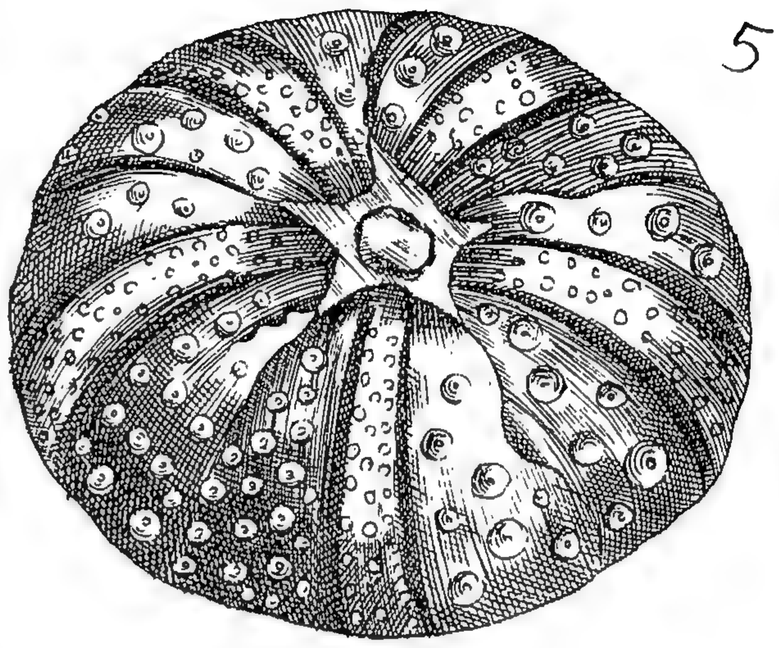


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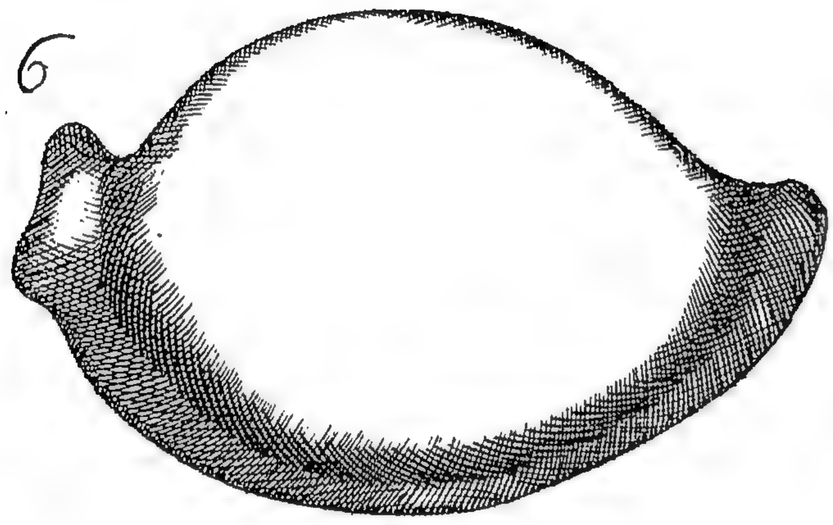




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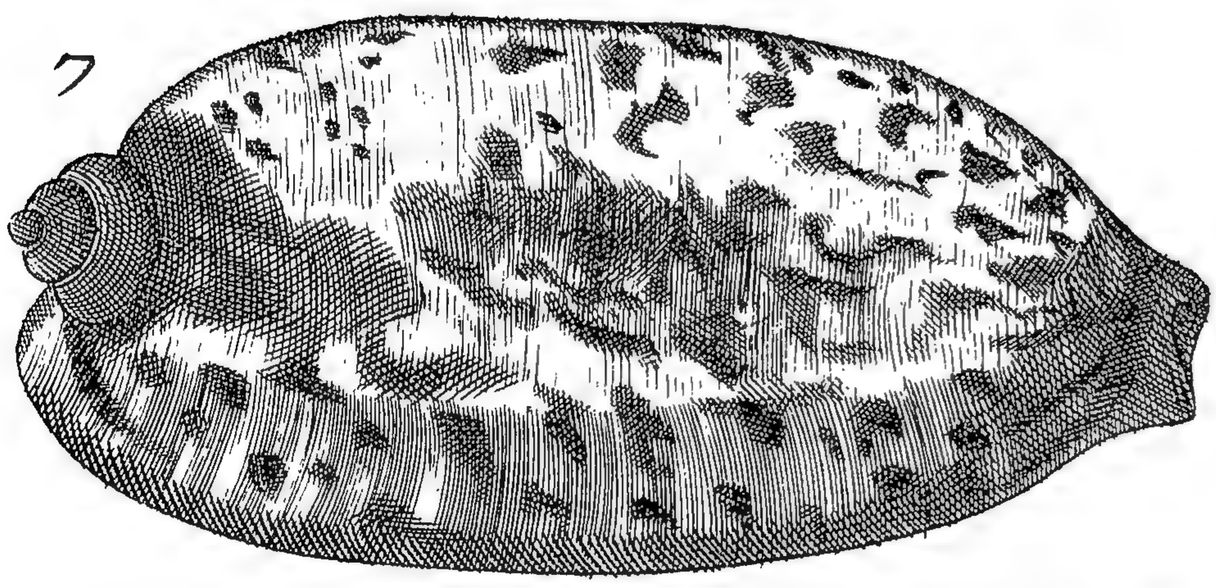
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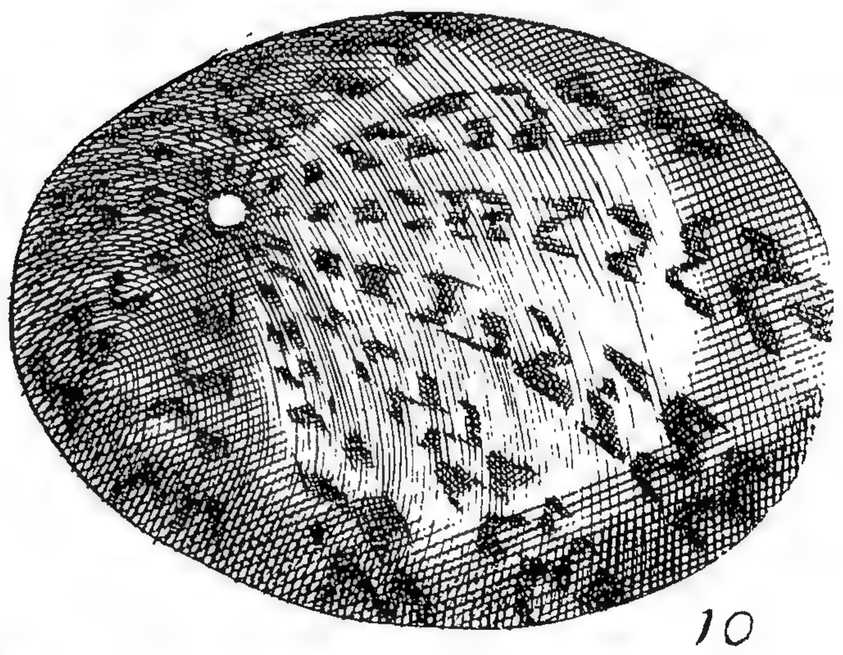


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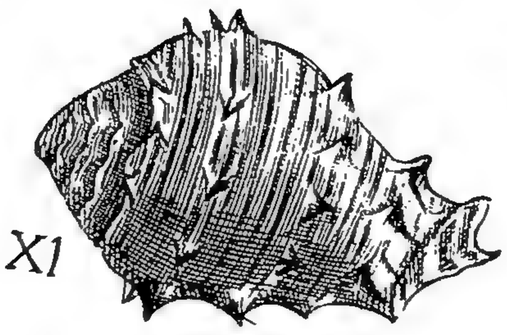
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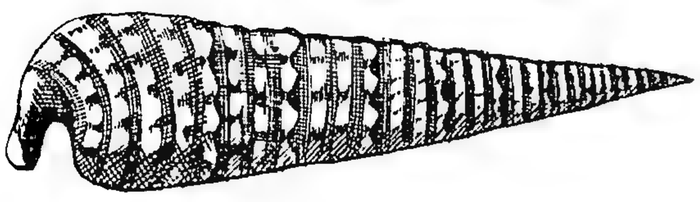
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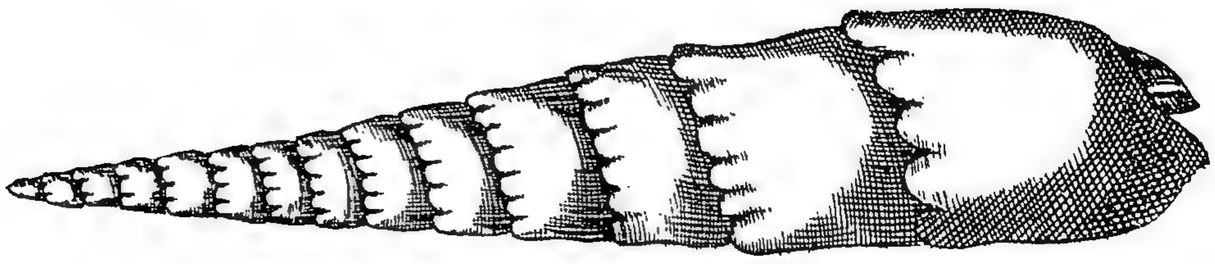
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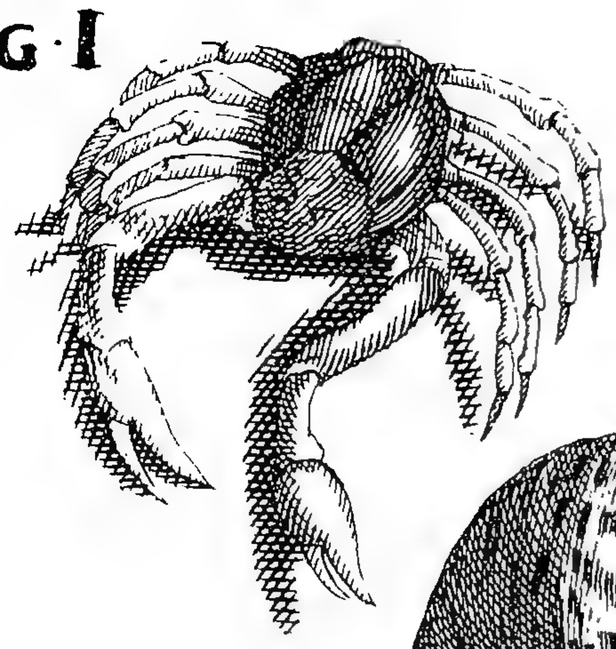
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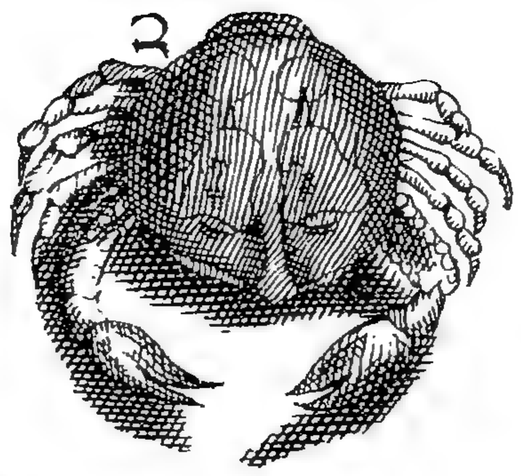




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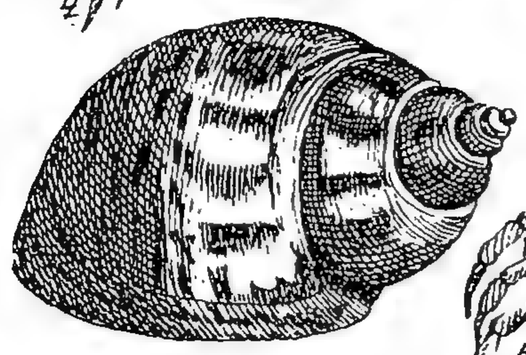
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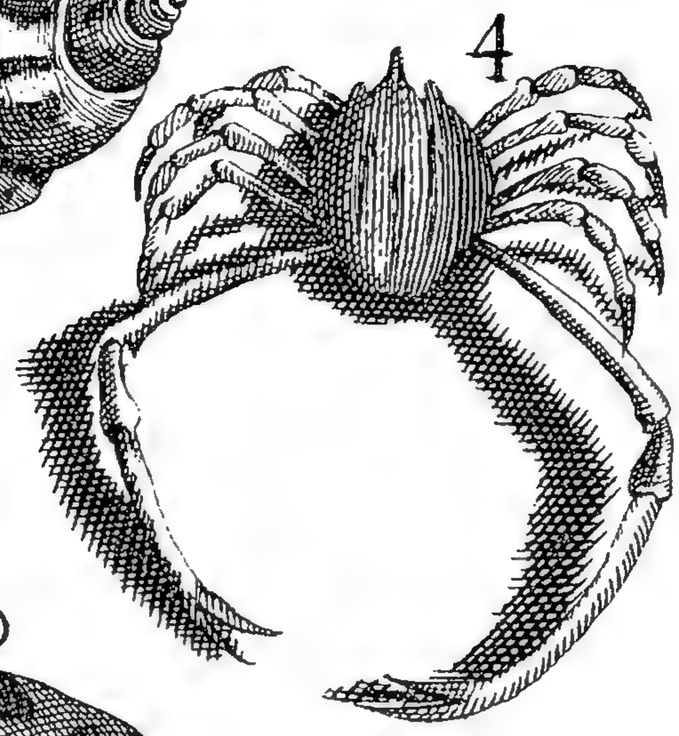


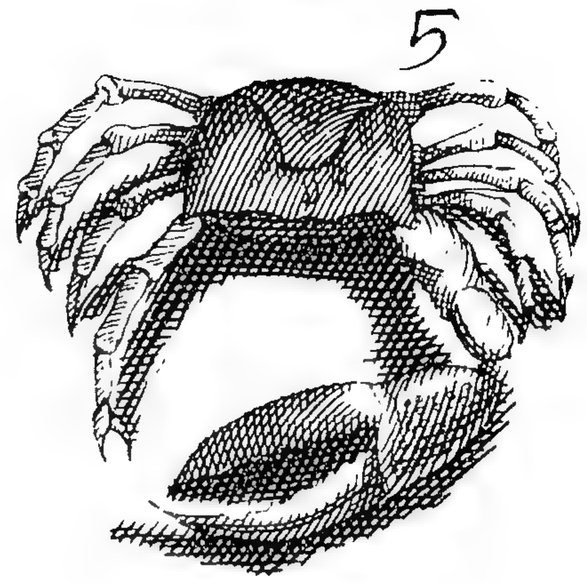


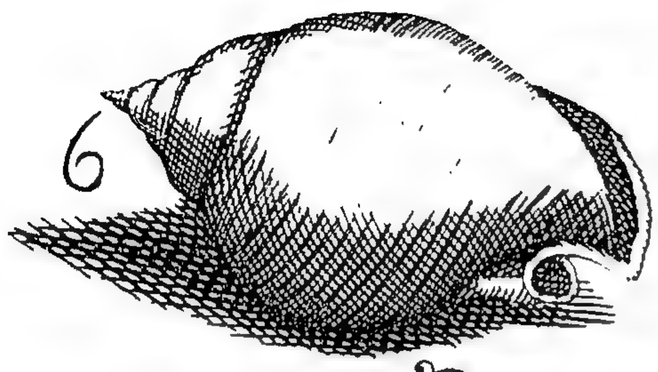


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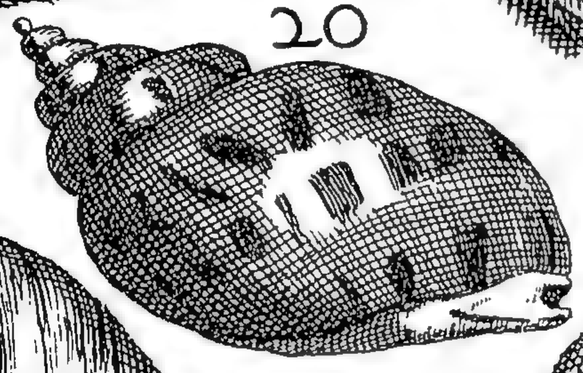




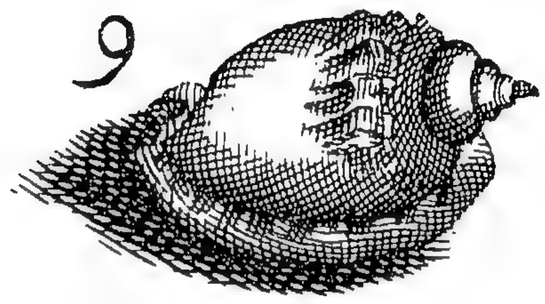


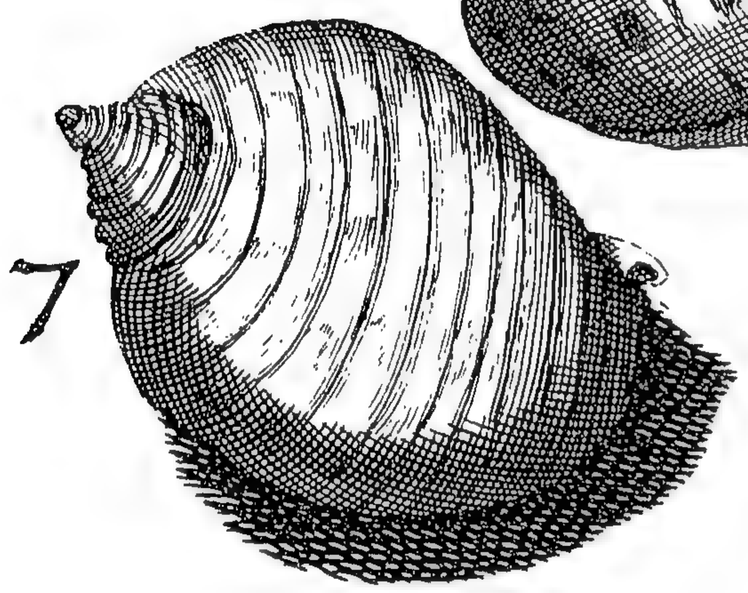


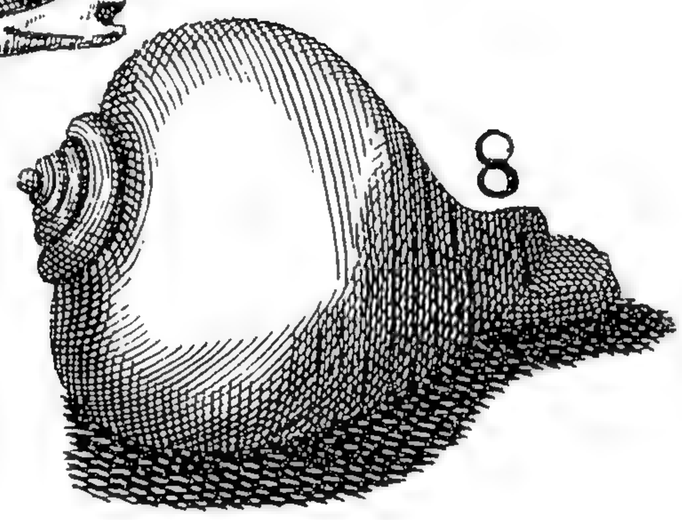
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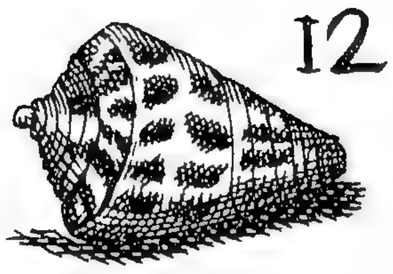
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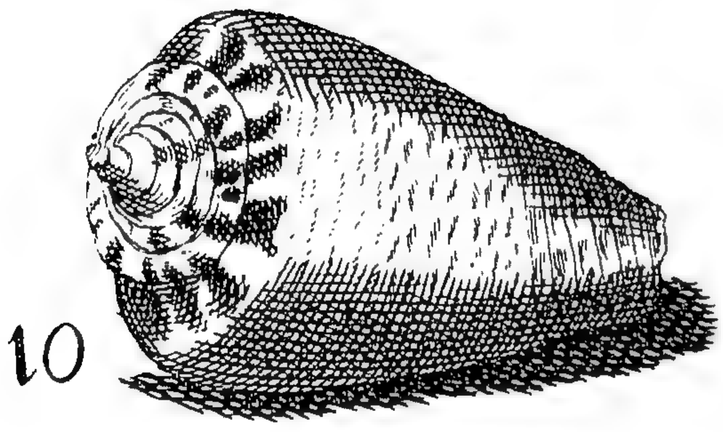




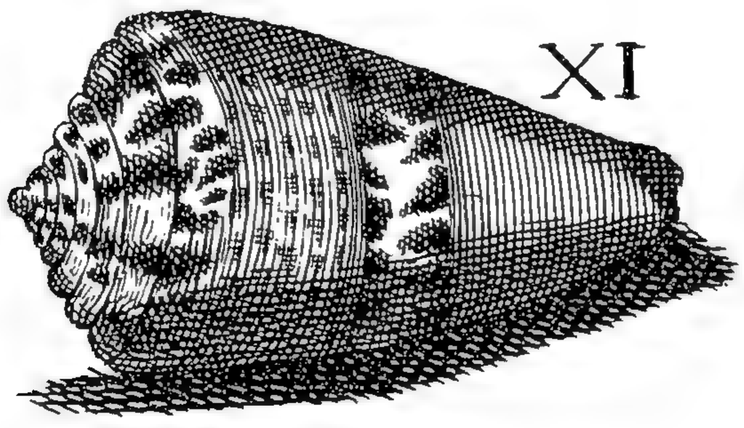


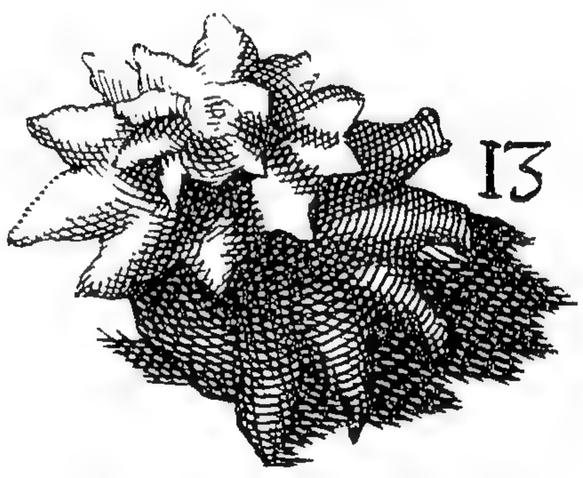
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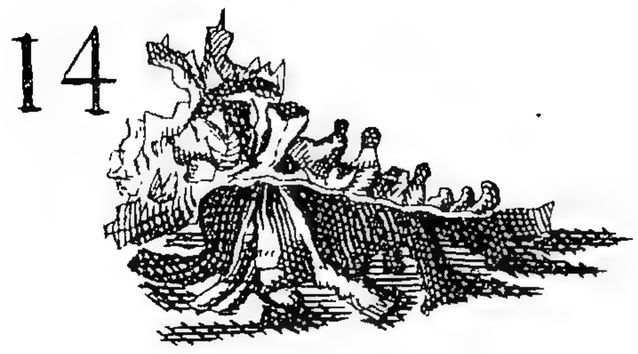
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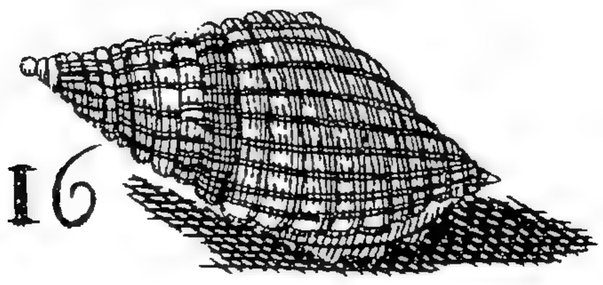




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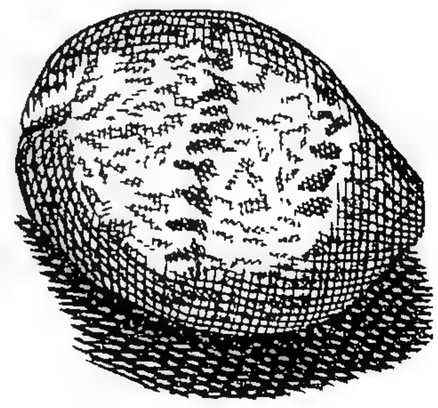
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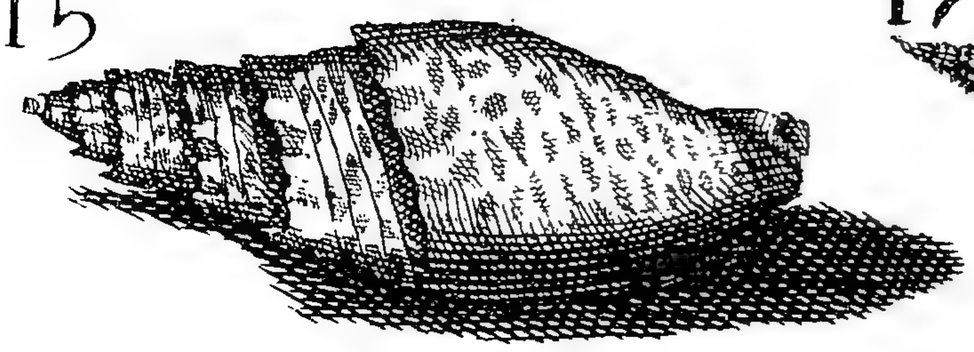


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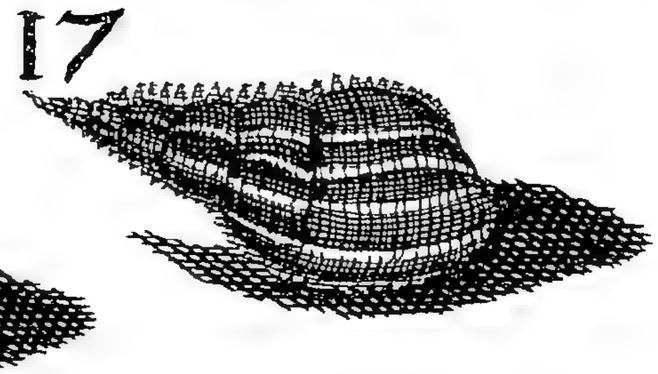
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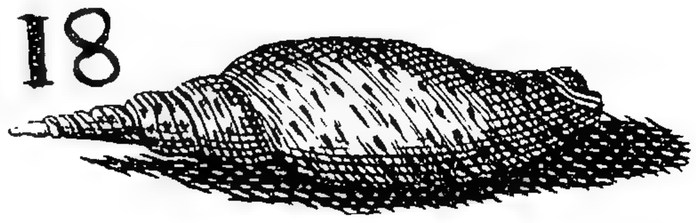
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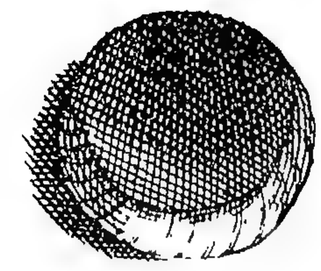


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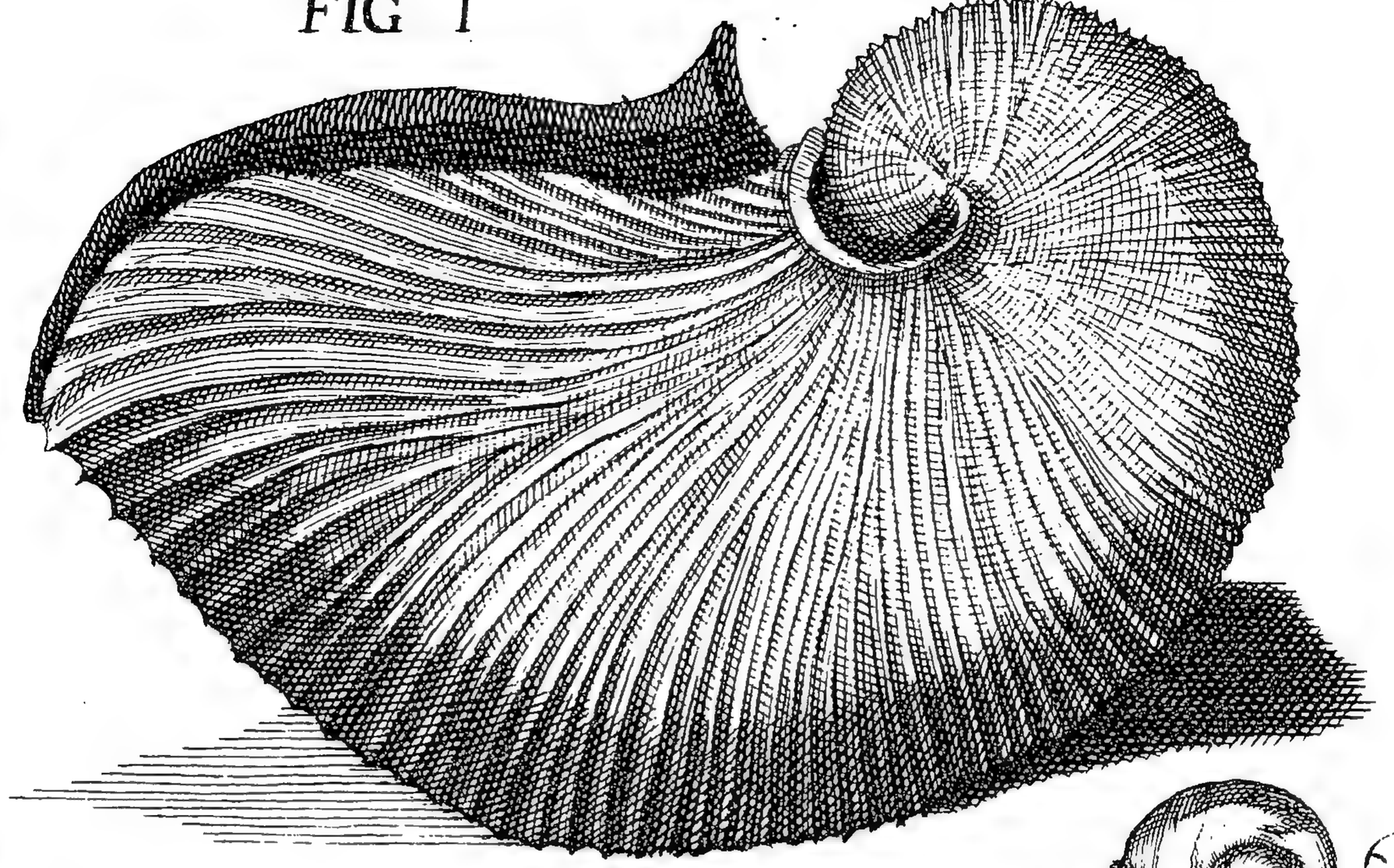


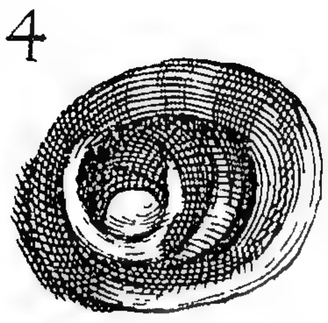
TAB. X.

FIG I

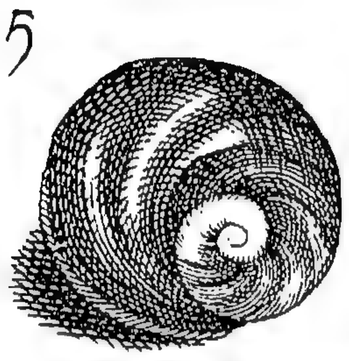


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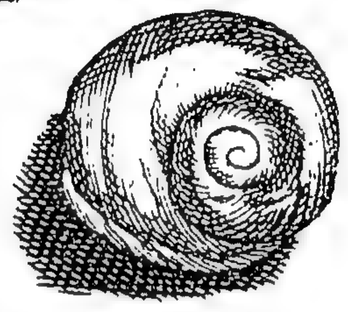




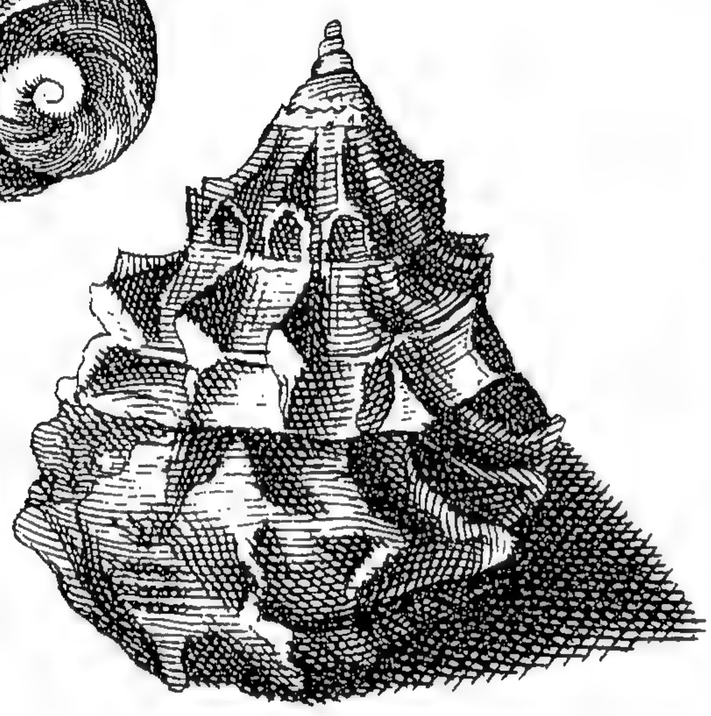
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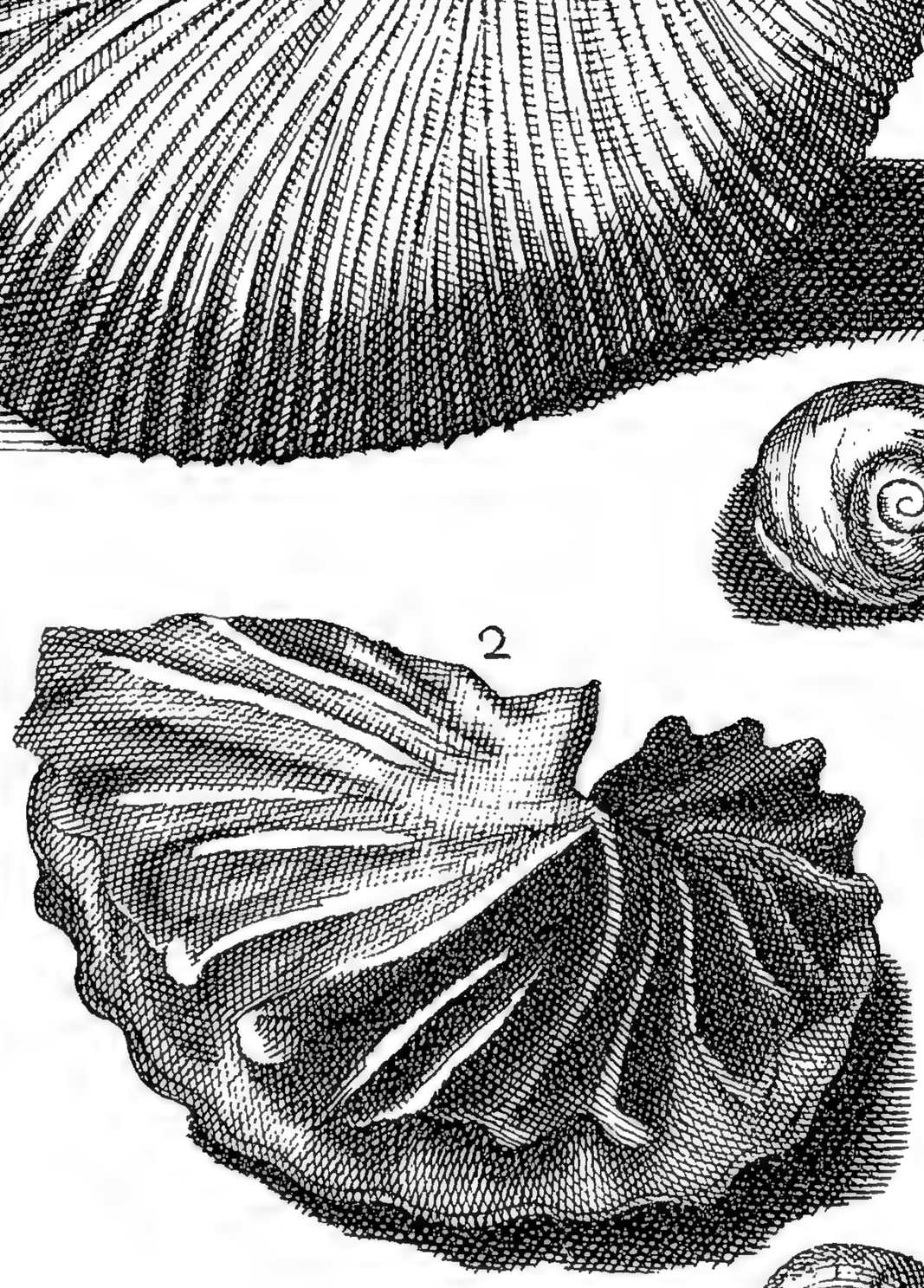
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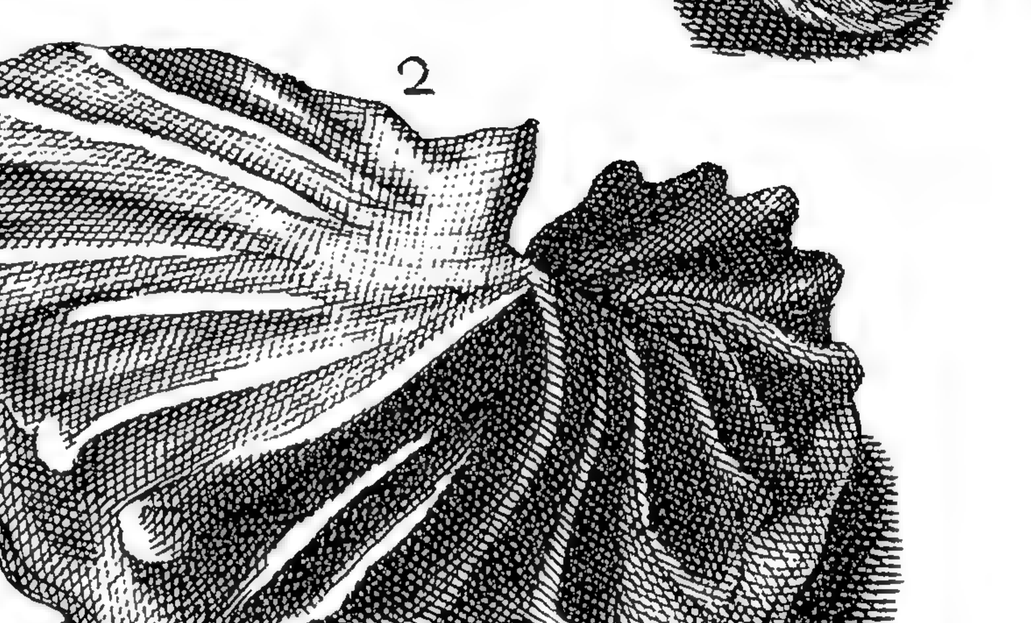


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TAB. XI.

FIG. 1.

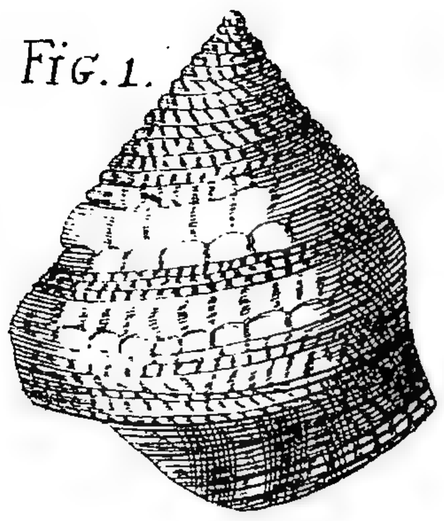


FIG. 2.

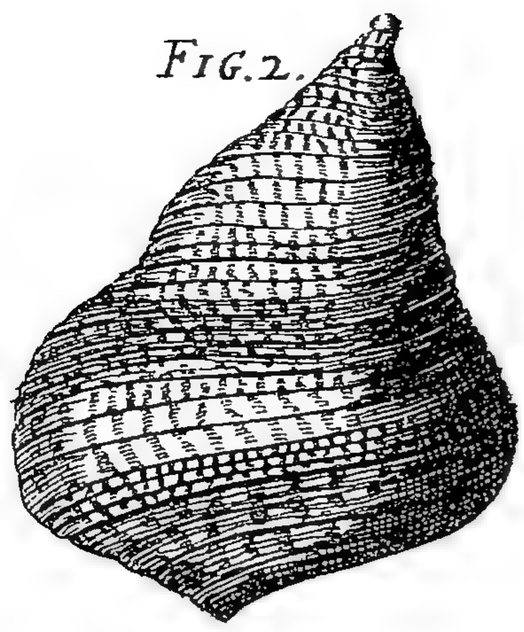


FIG. 3.

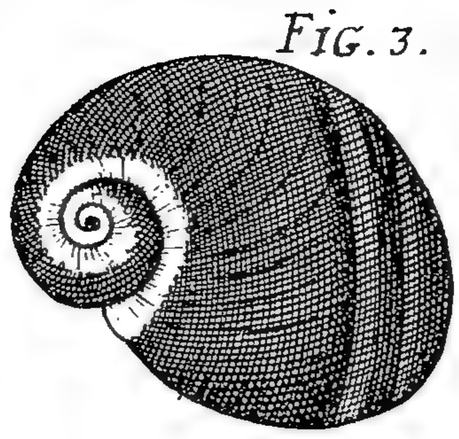


FIG. 4.

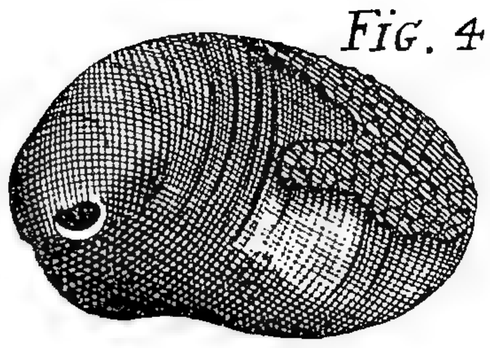


FIG. 5.

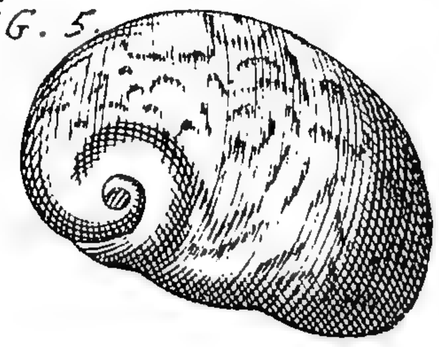


FIG. 6.

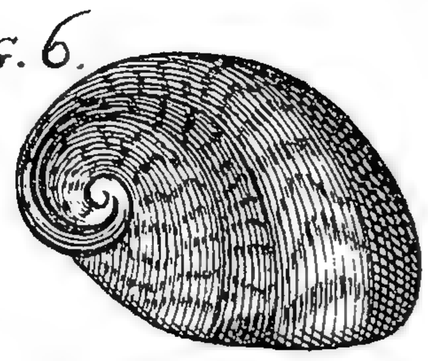


FIG. 7.

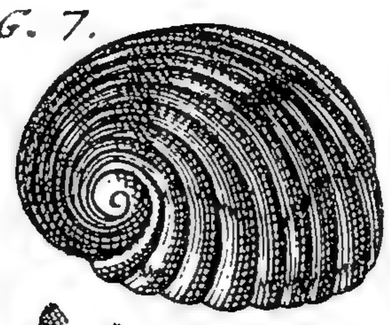


FIG. 8.

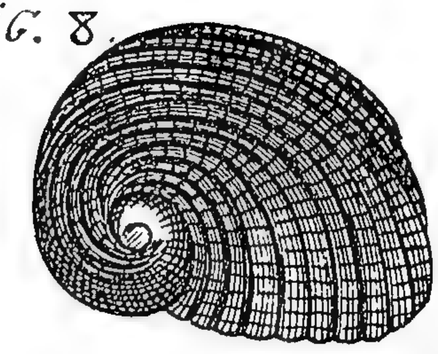
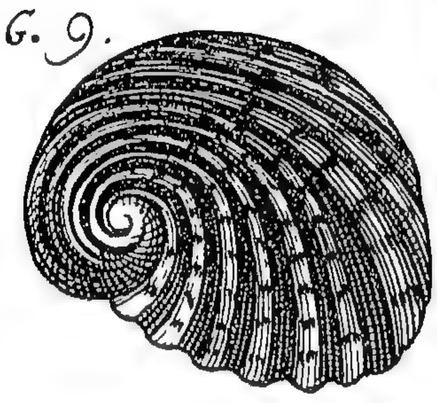
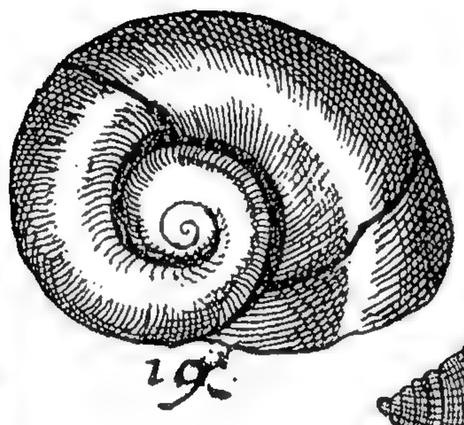


FIG. 9.



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FIG. 10.

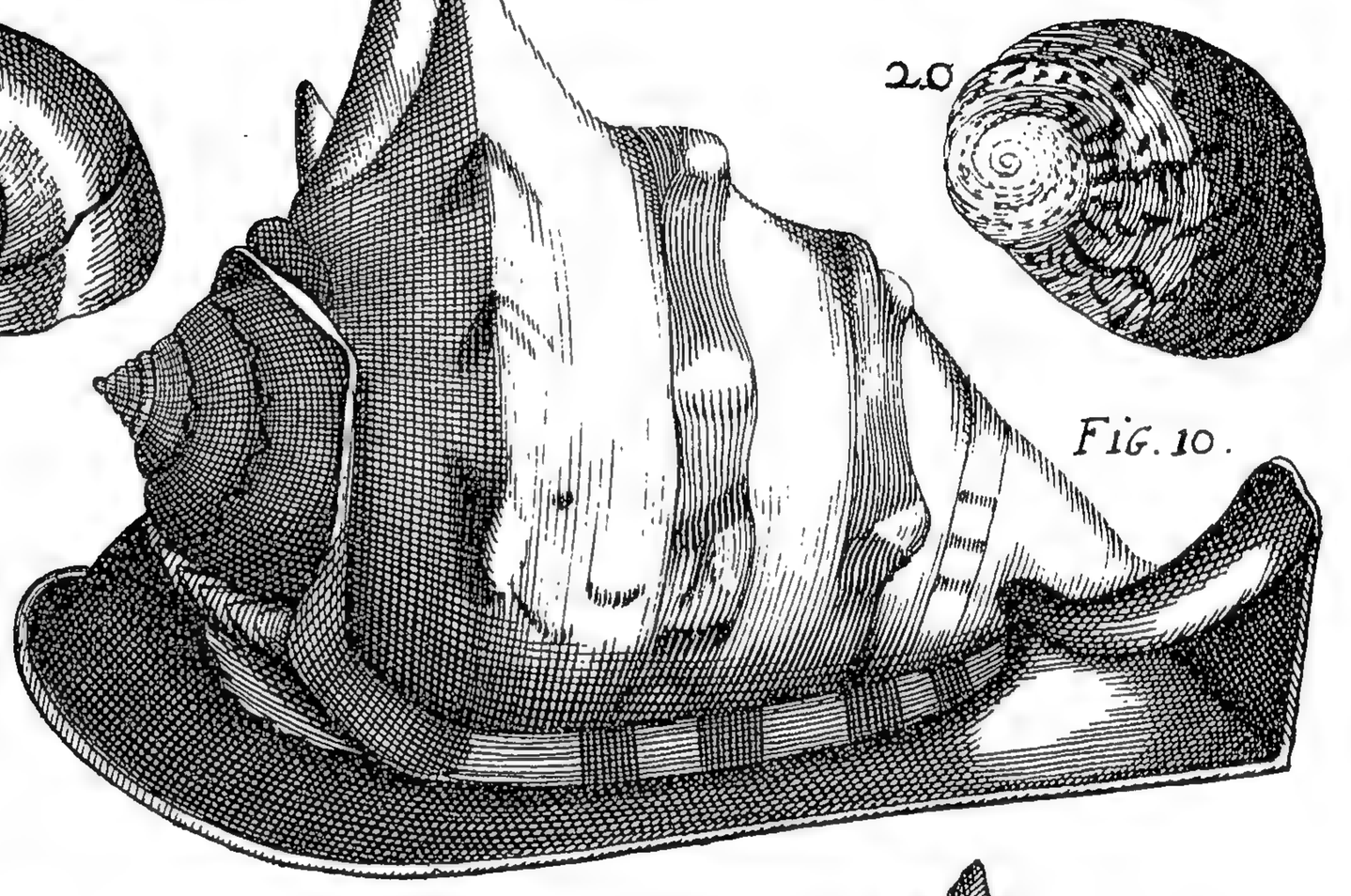


FIG. XI.



FIG. 13.

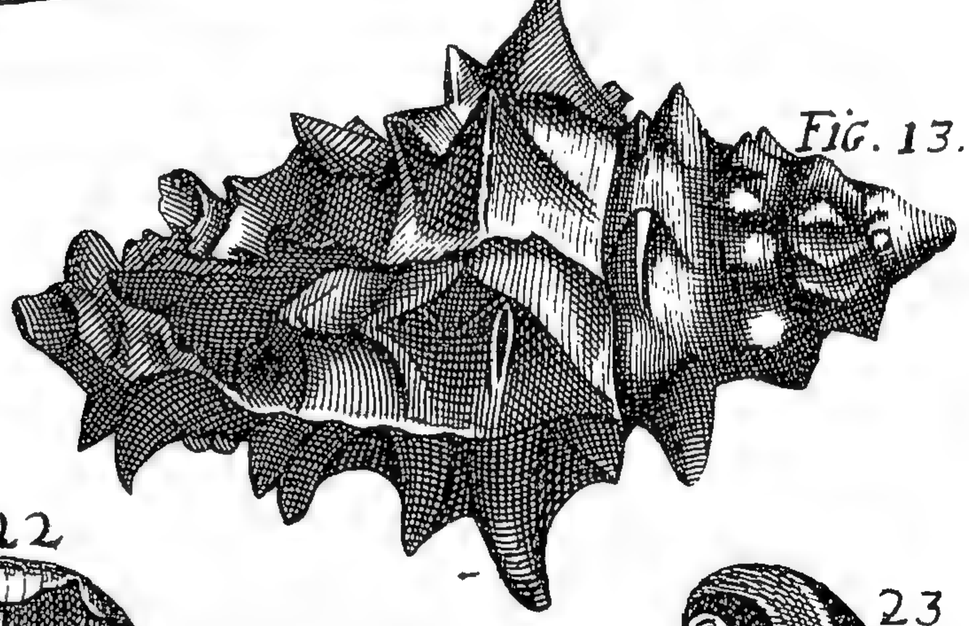


FIG. 14.

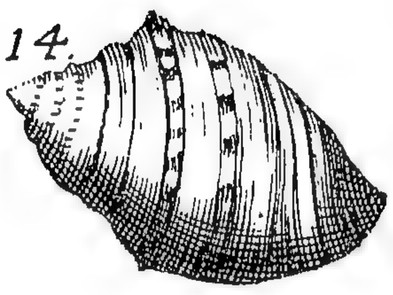


FIG. 12.

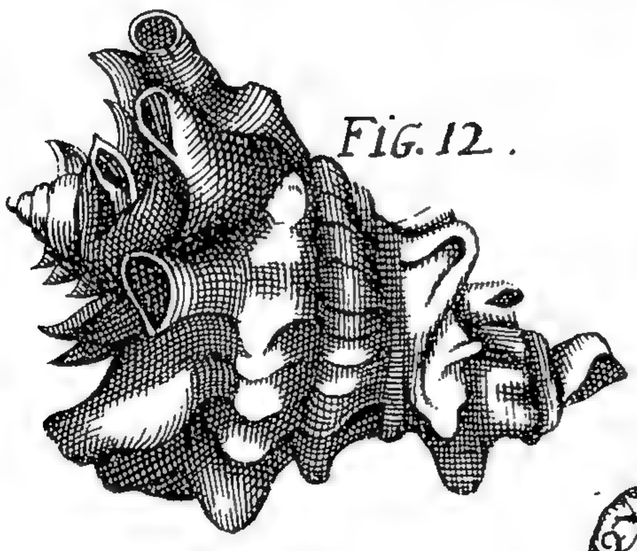
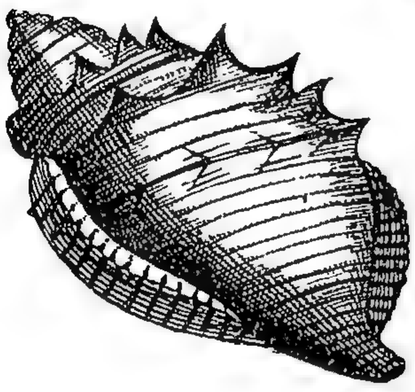


FIG. 15.



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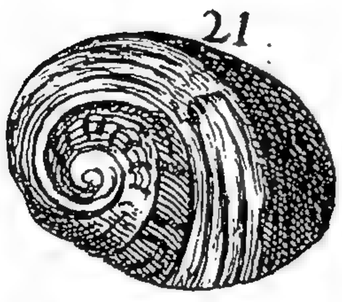


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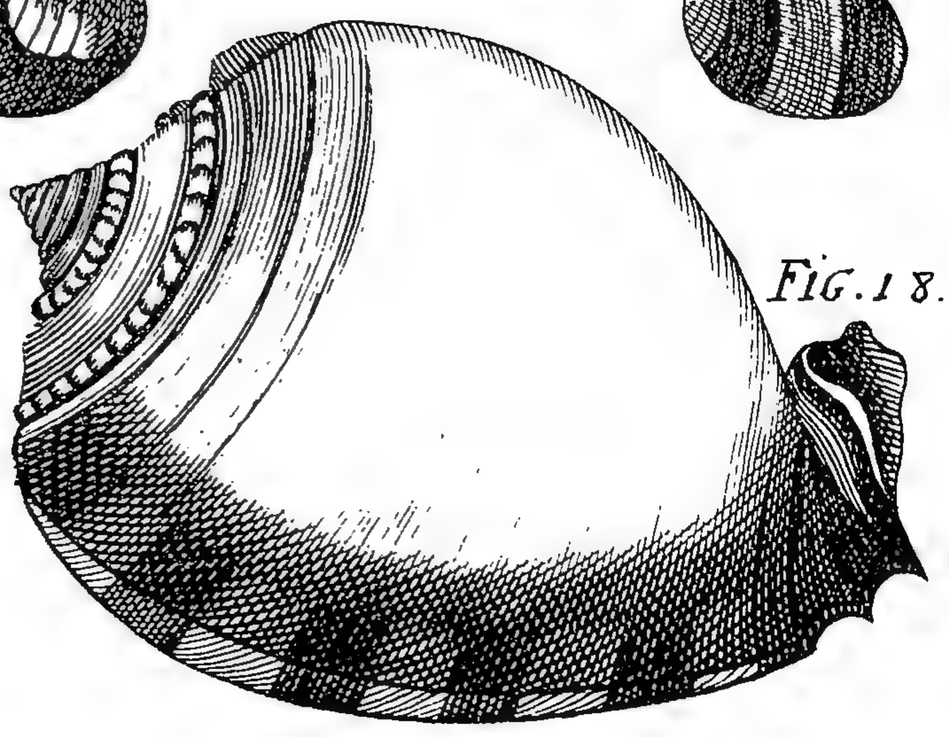


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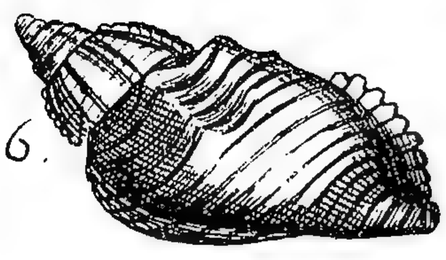


FIG. 17.



TAB. XII.

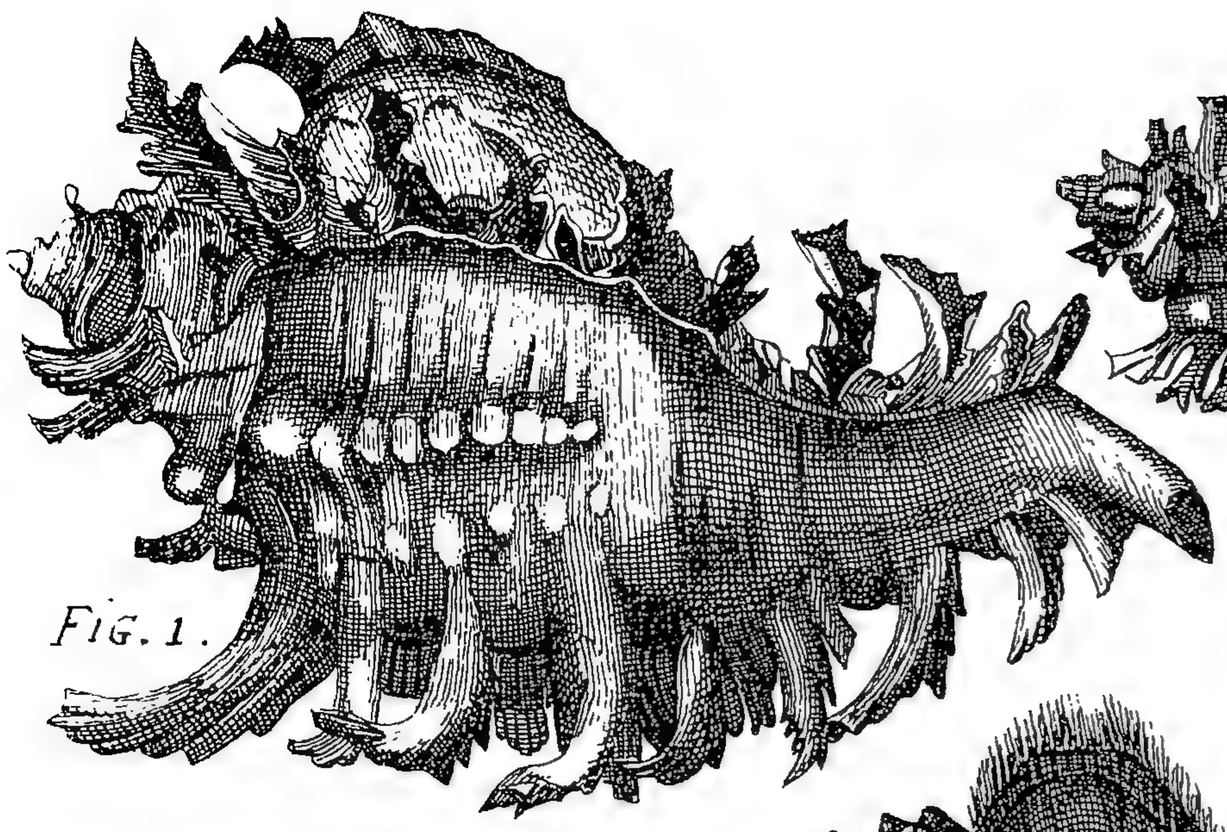
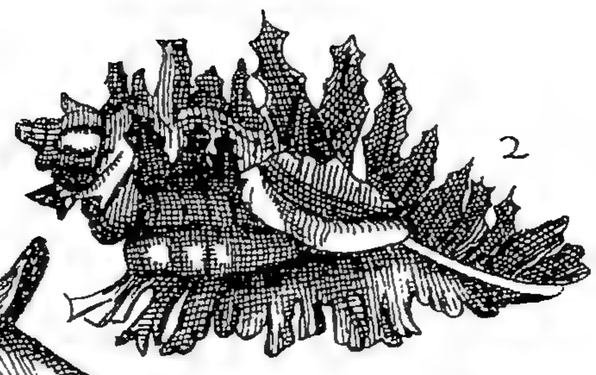
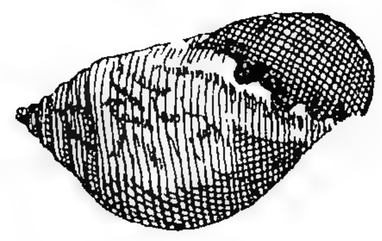


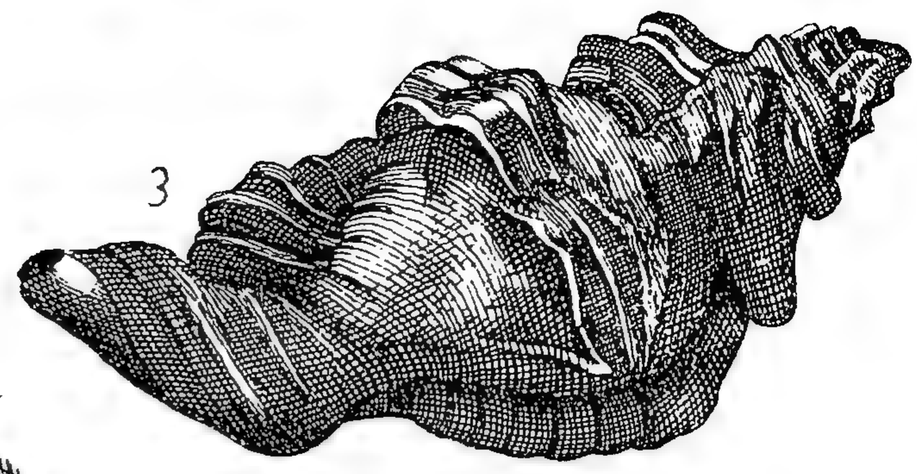
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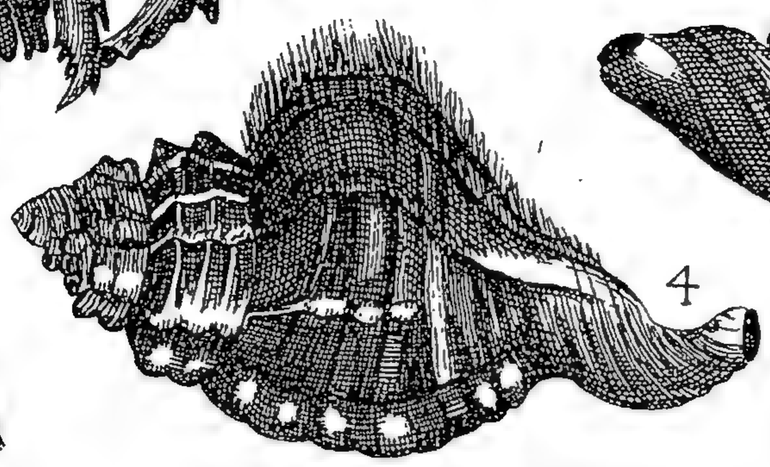
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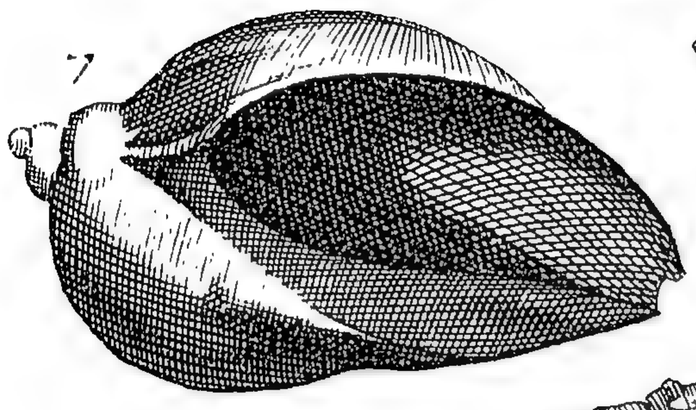
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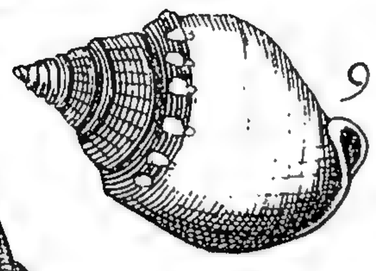
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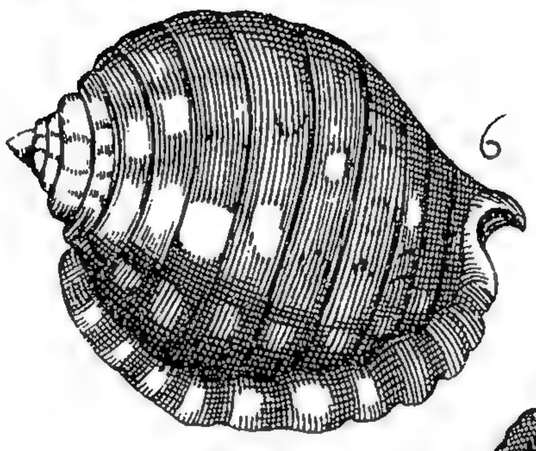
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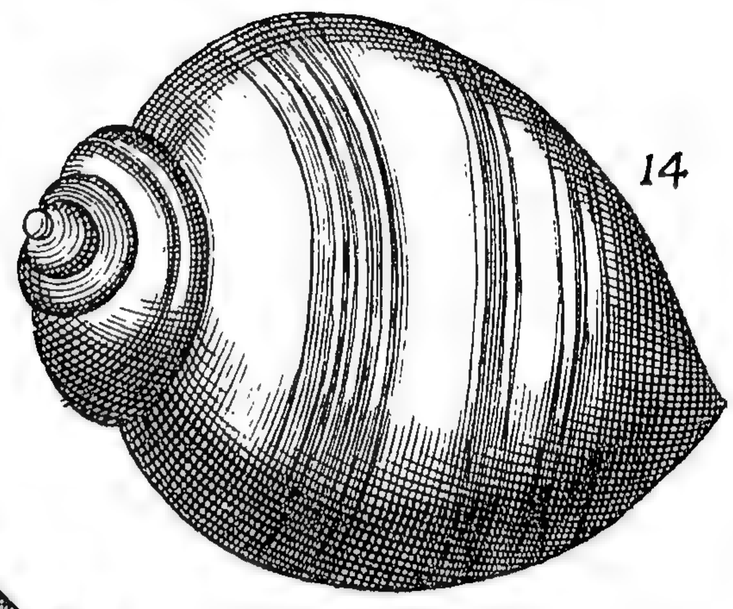
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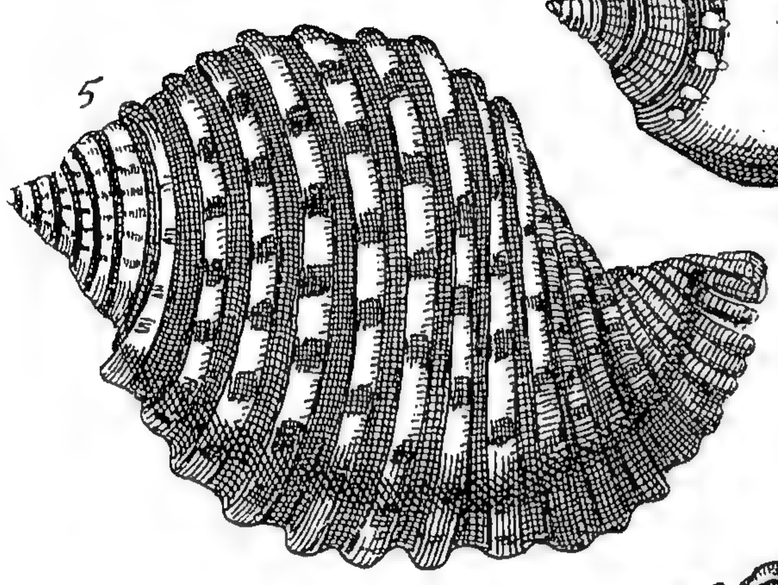
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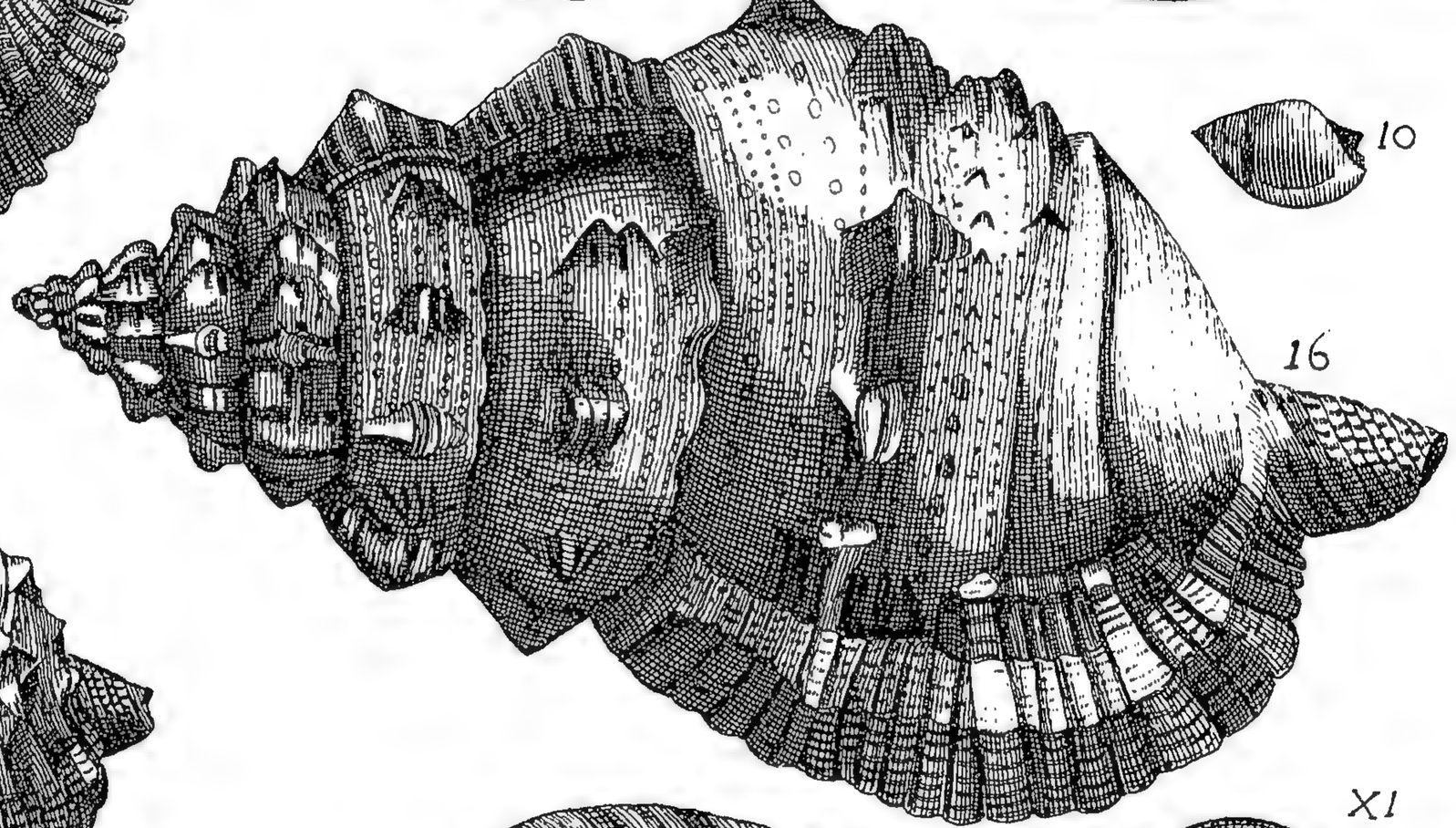
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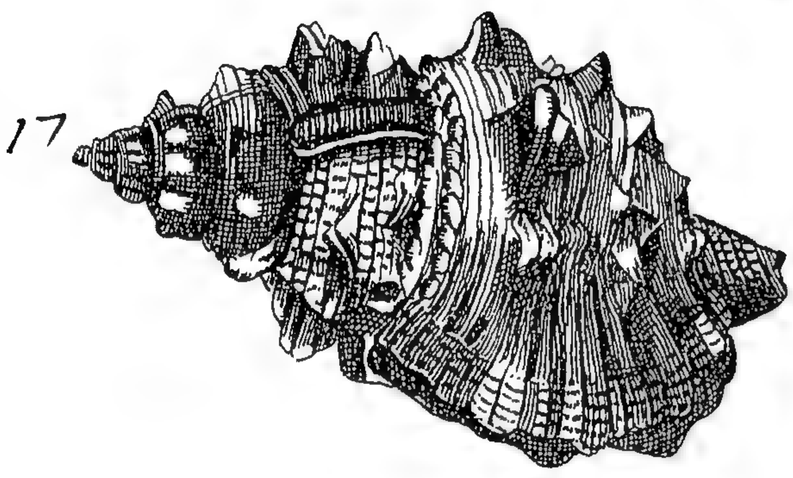
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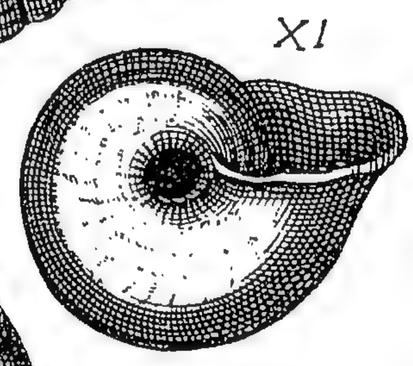


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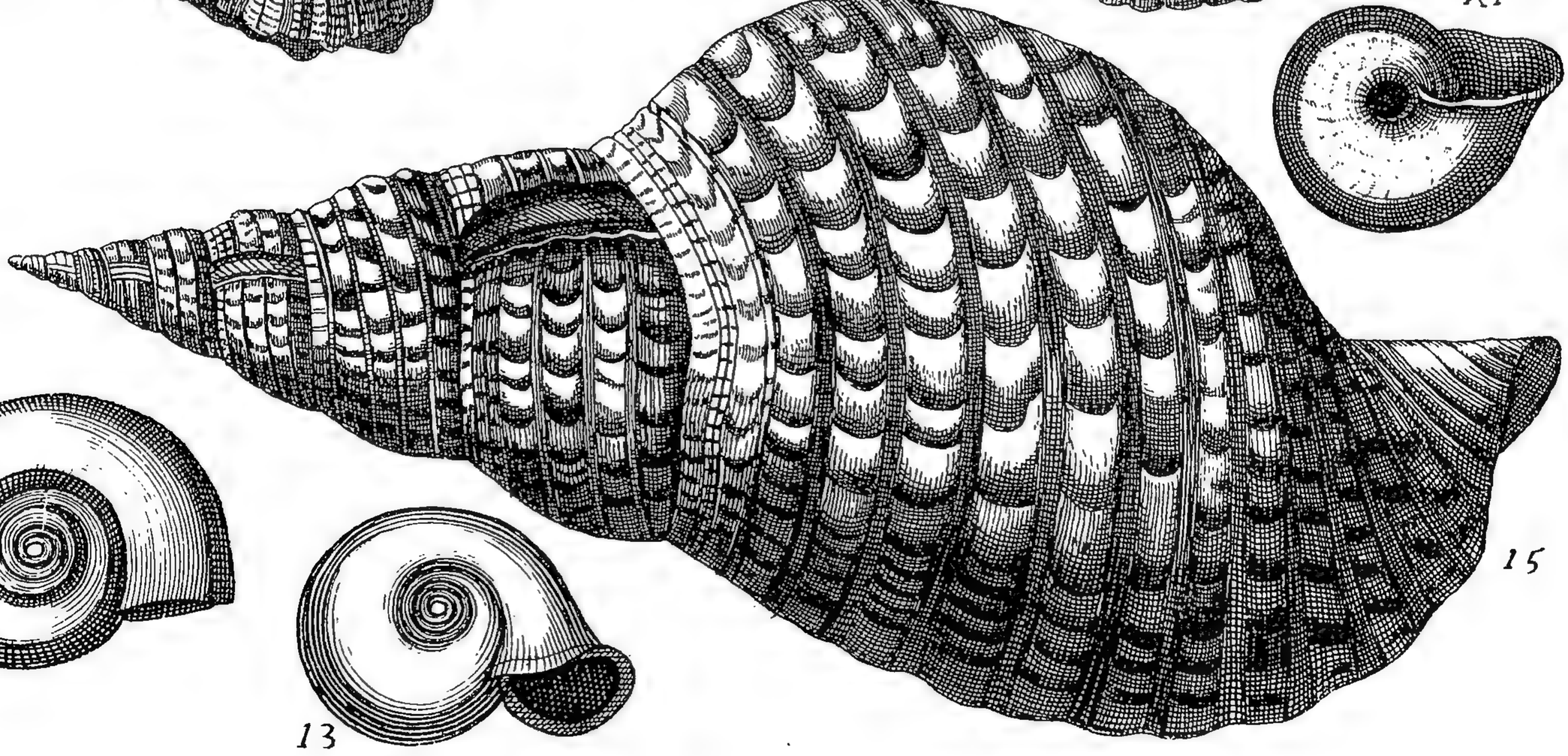


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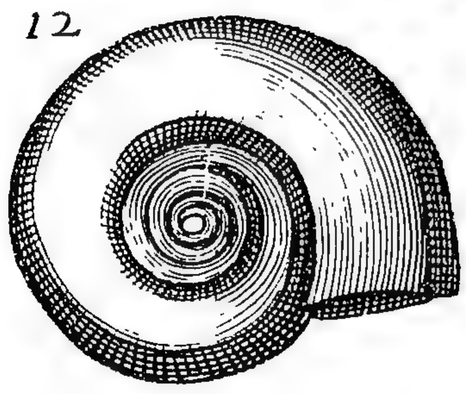
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XI



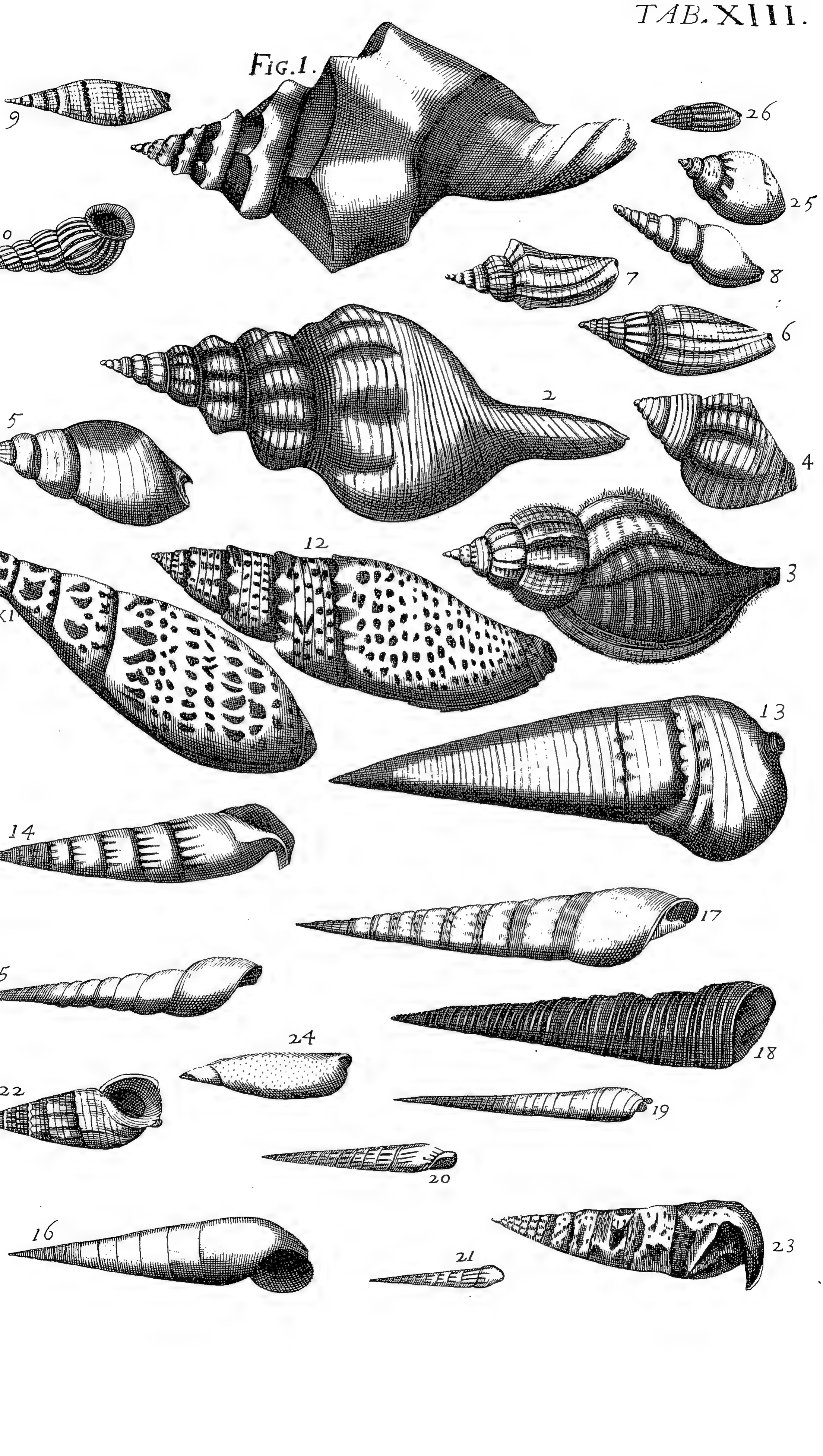
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TAB. XIII.



TAB. XIV.

FIG. I.

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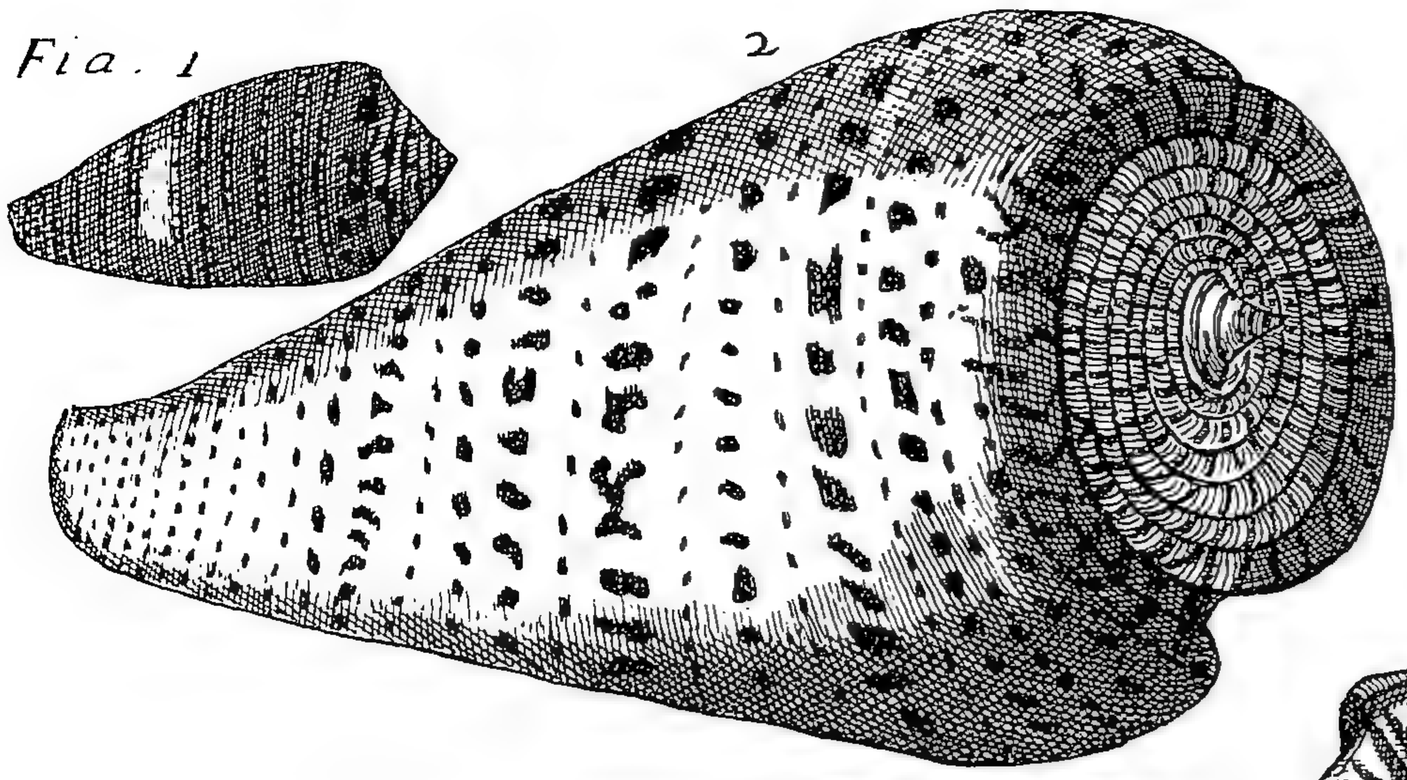
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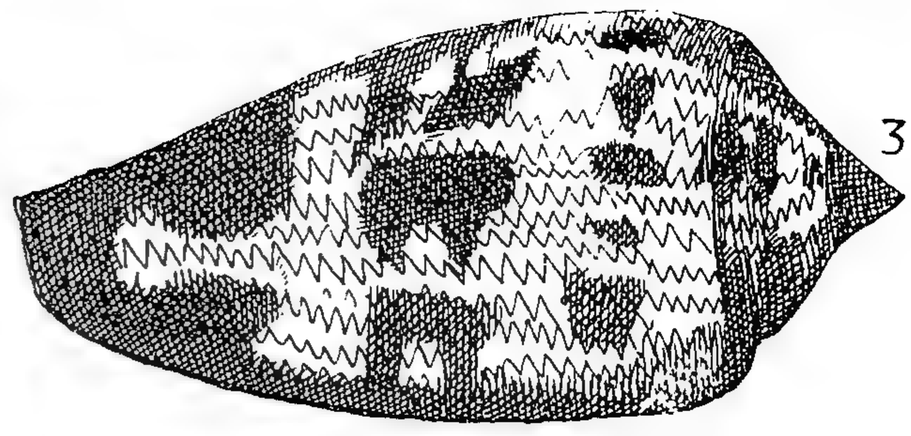
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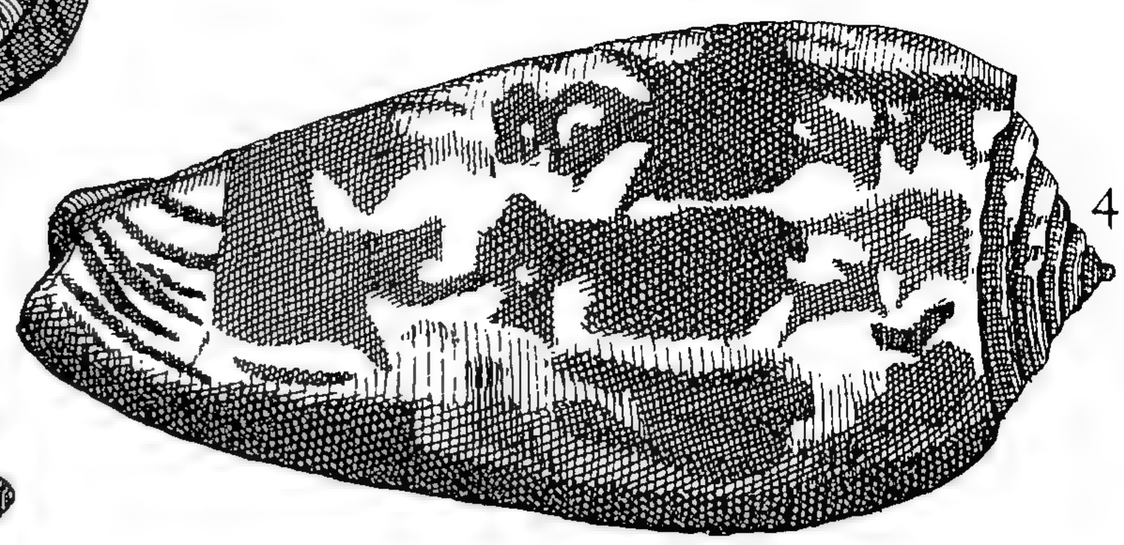
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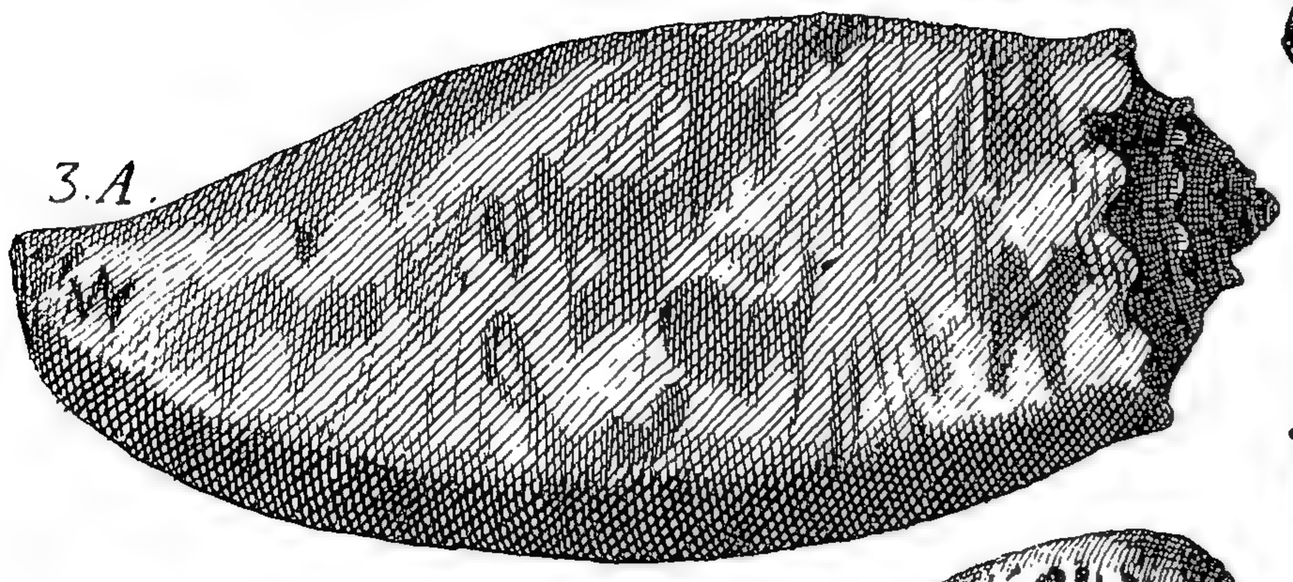
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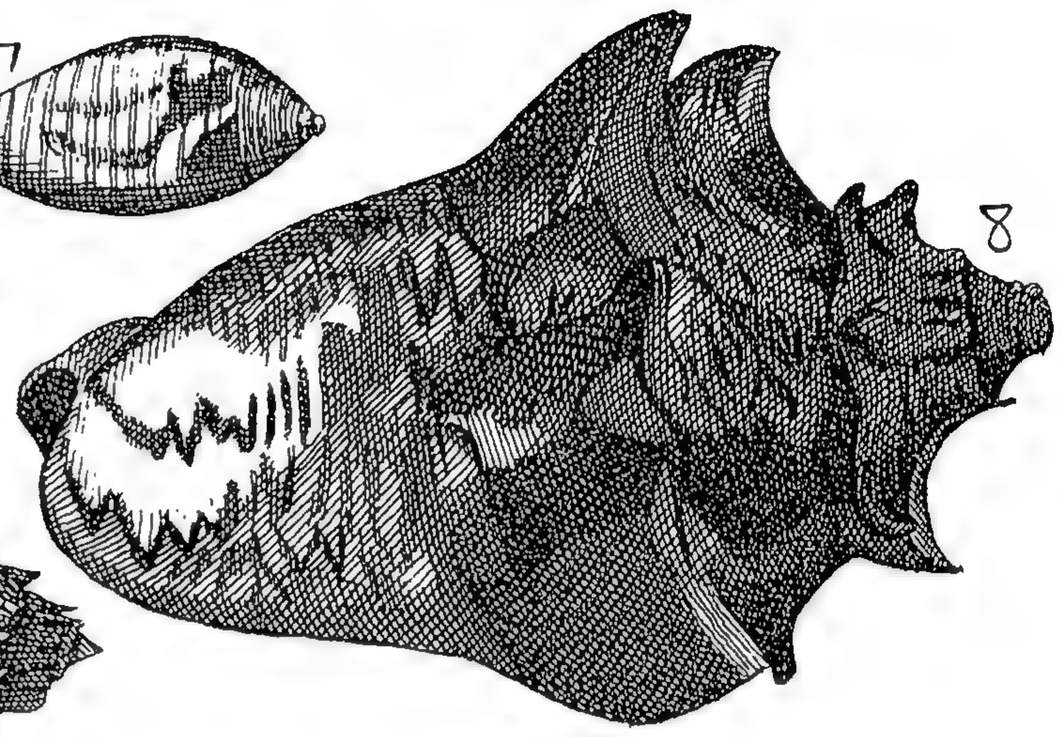
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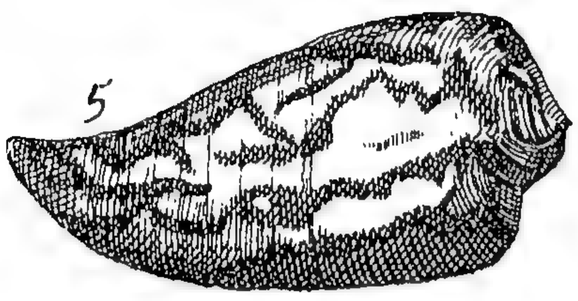




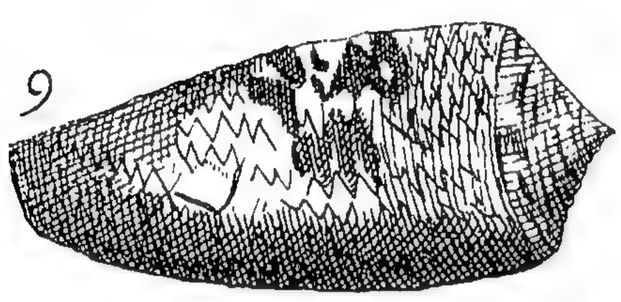


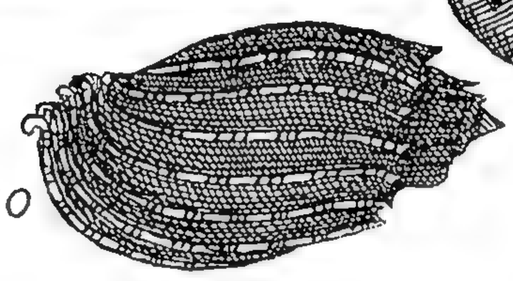


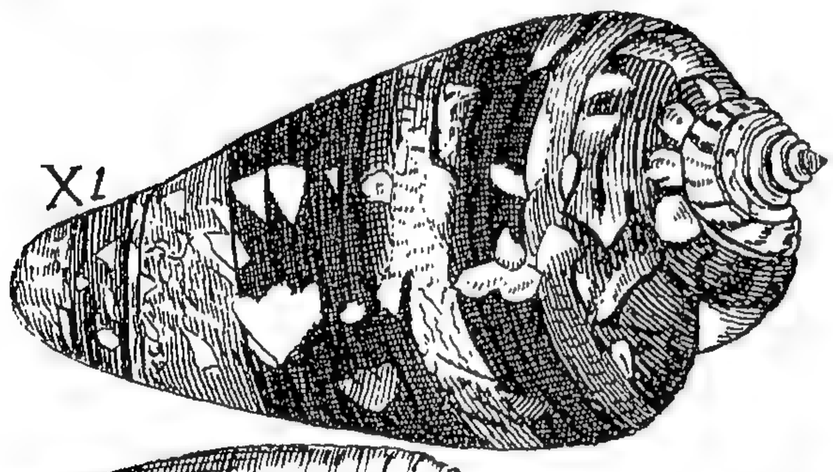


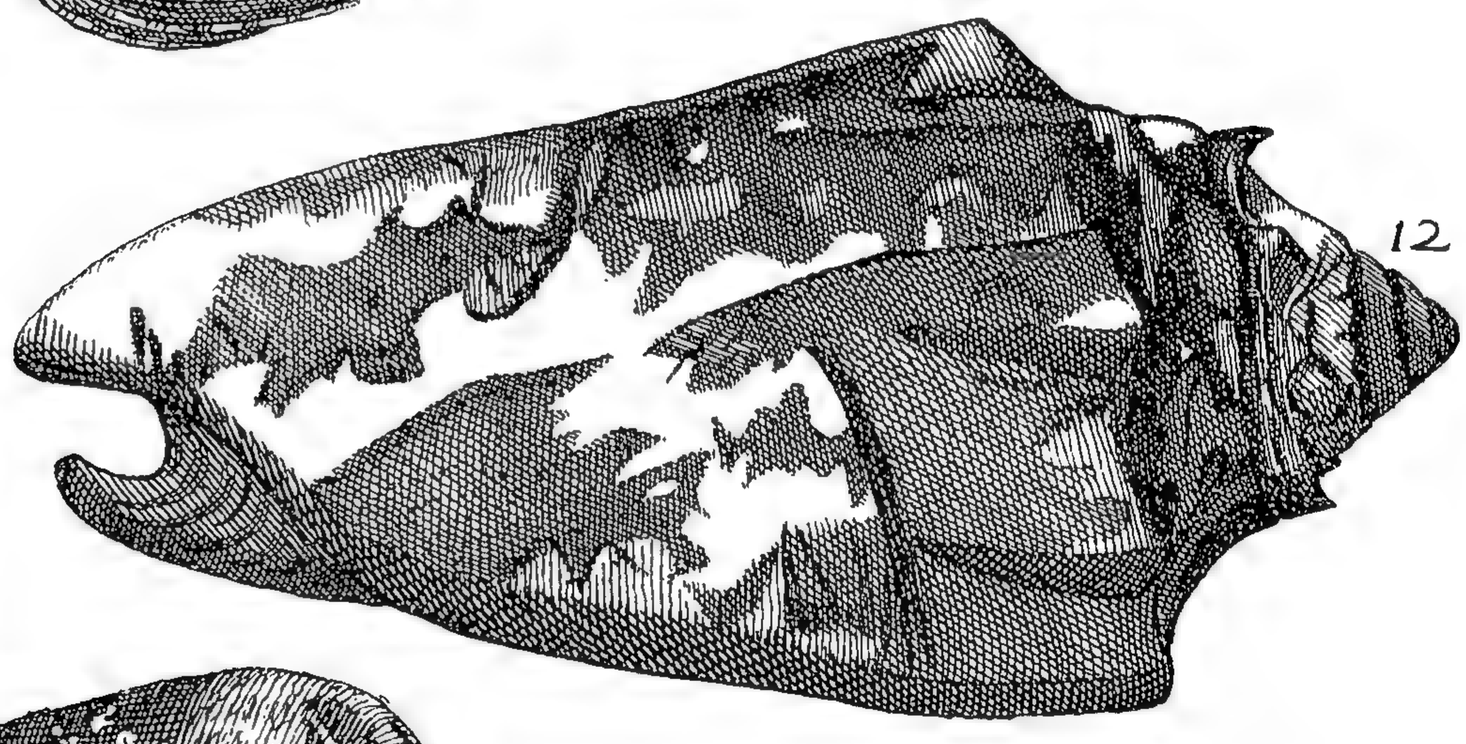


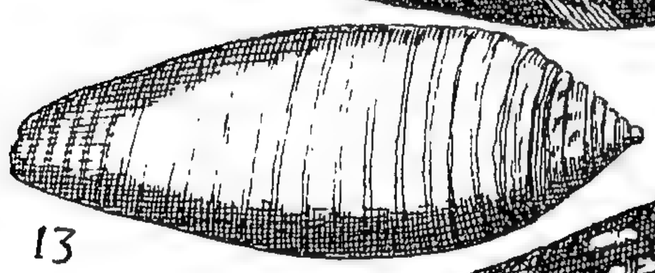


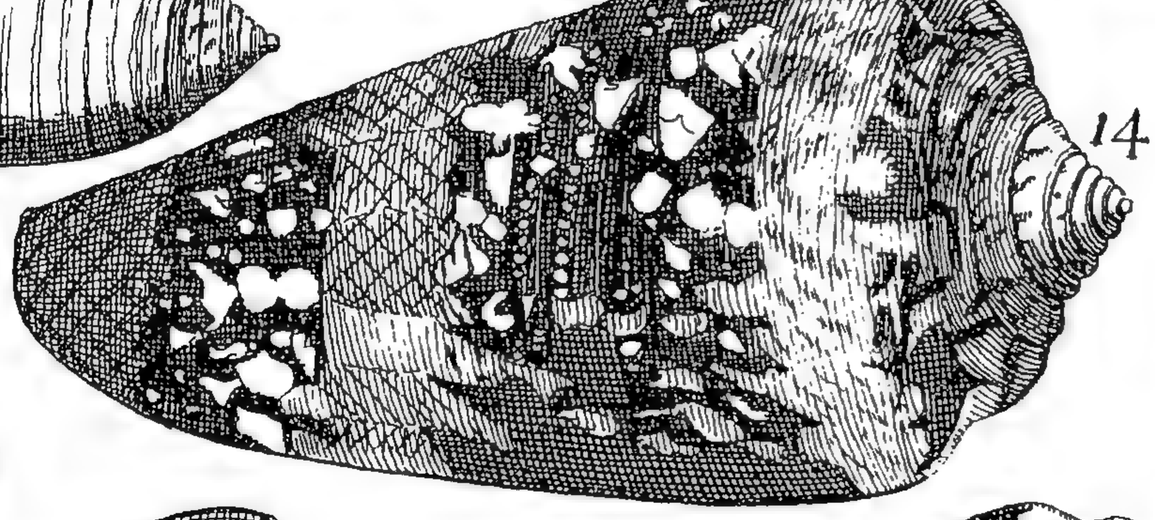


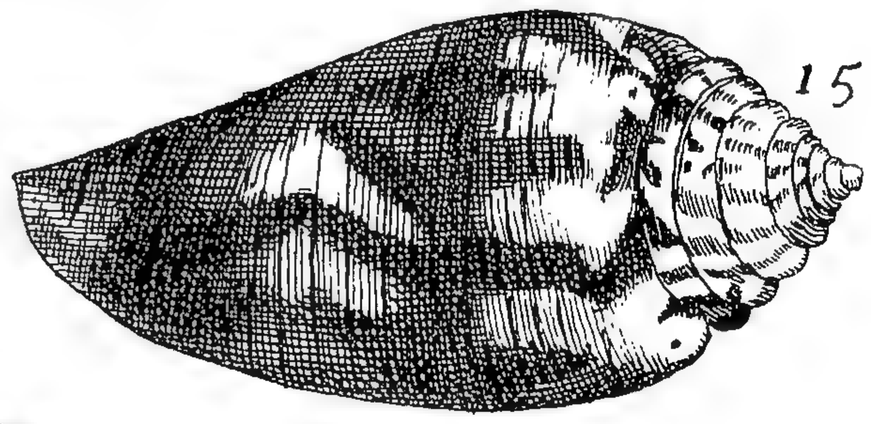


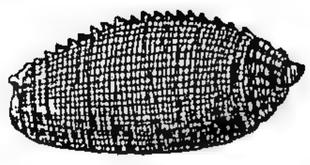






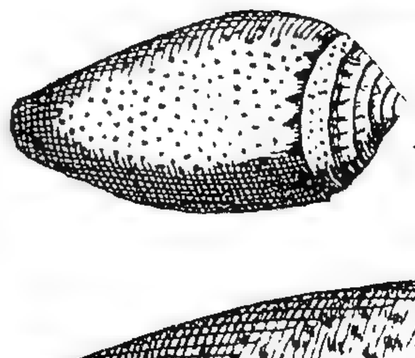


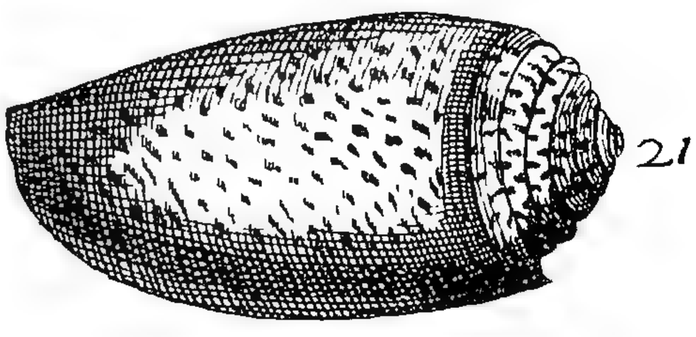








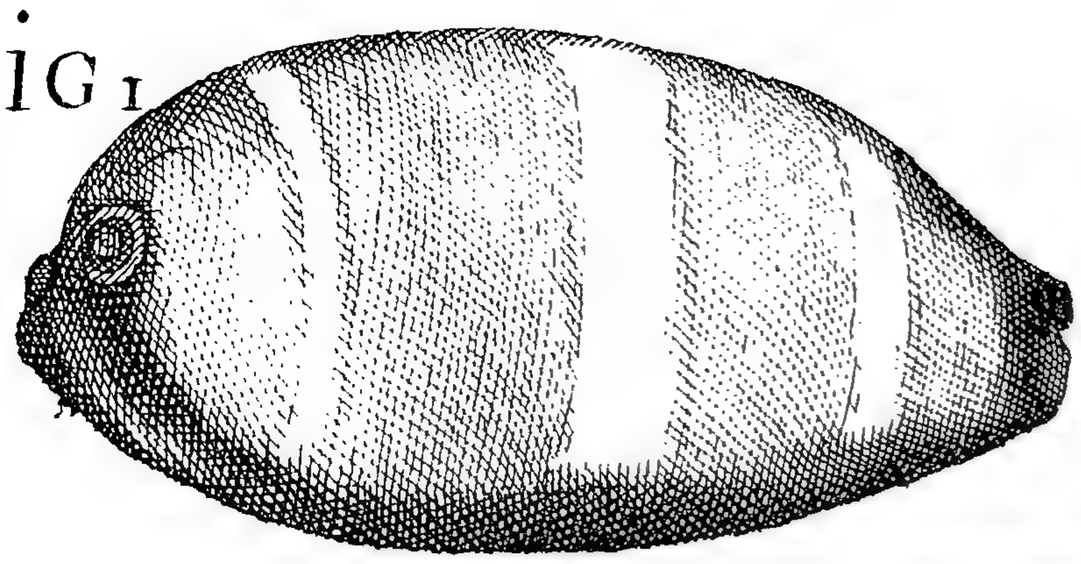


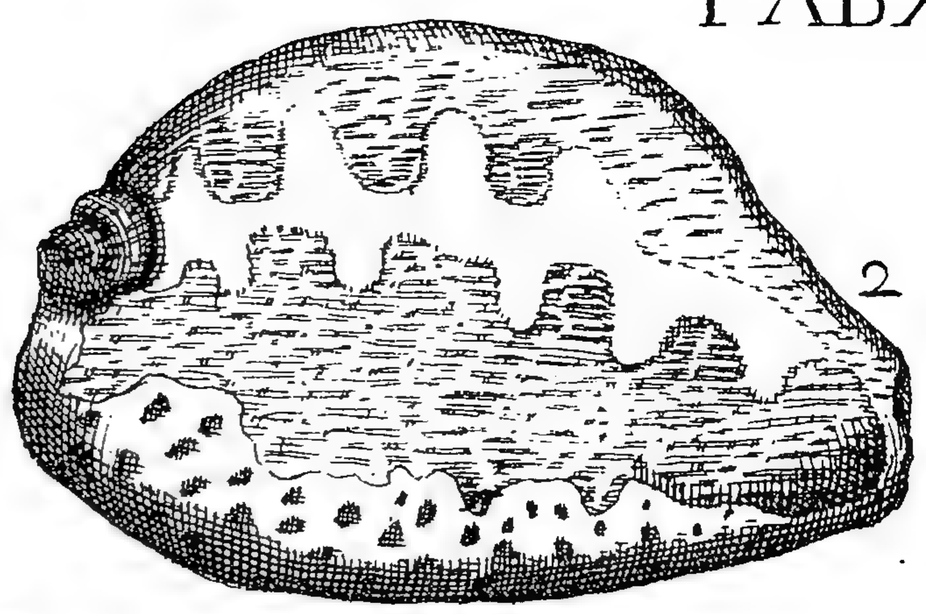




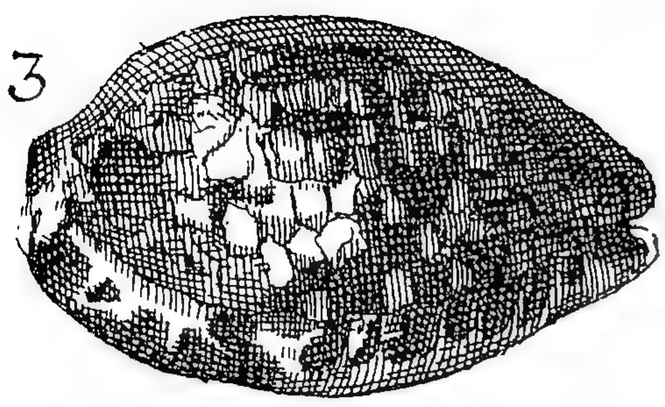
TAB XVI

FIG 1

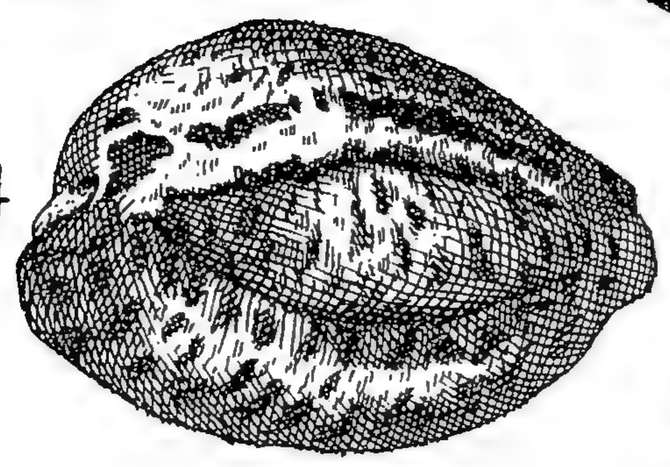




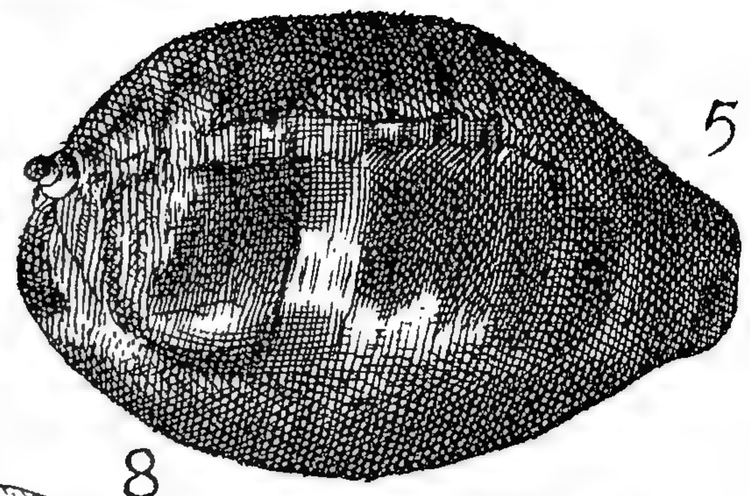
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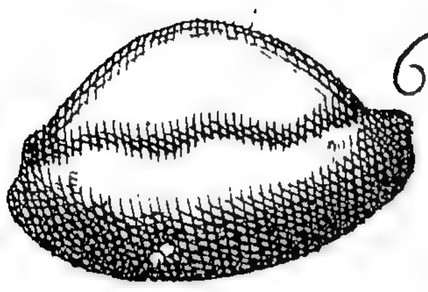
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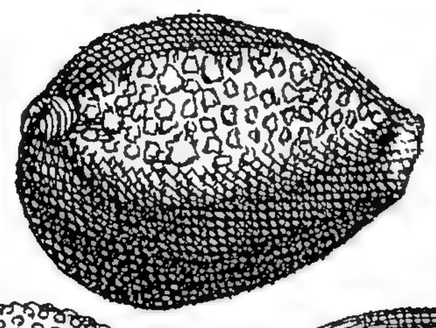
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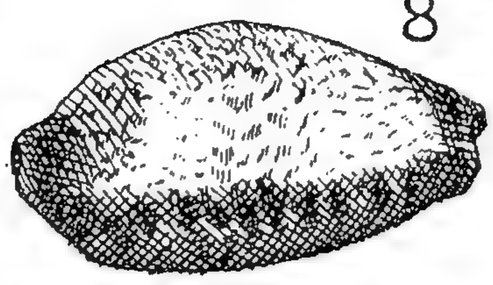
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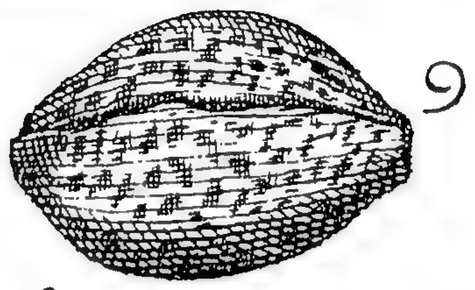
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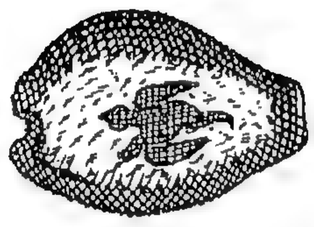
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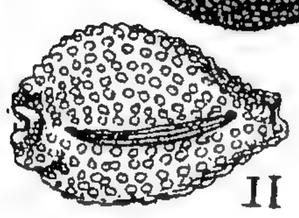
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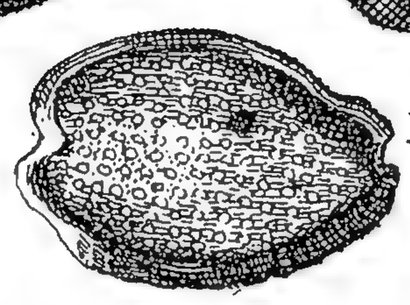
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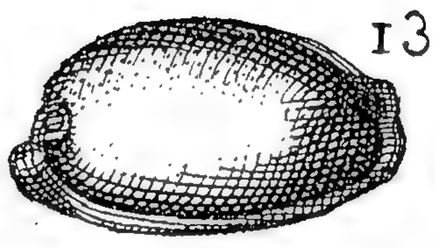
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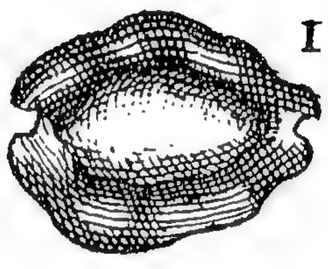
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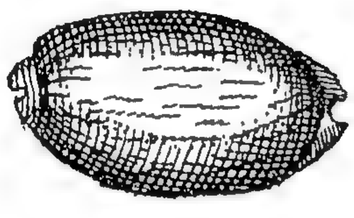
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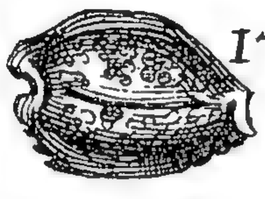
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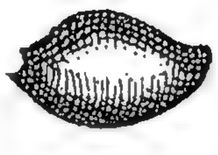
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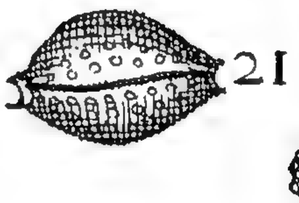
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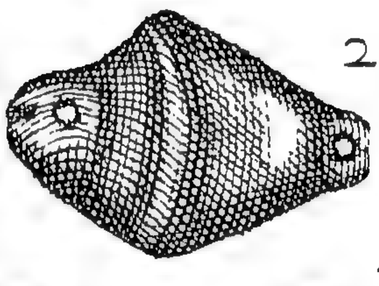


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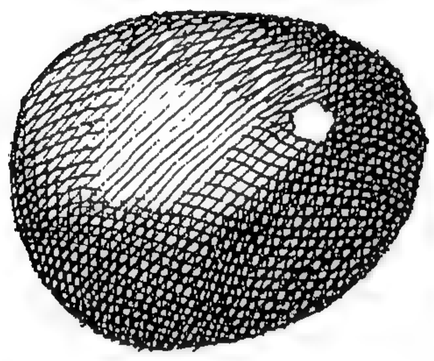


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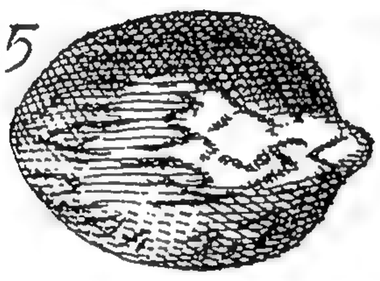
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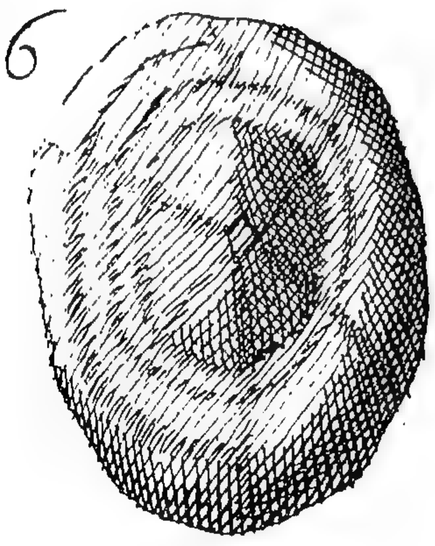
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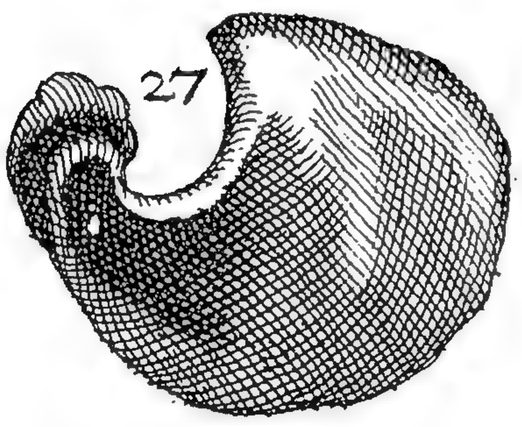
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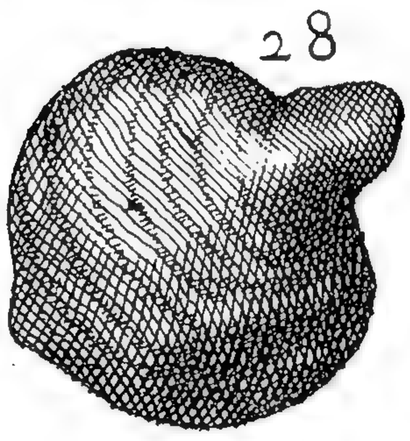
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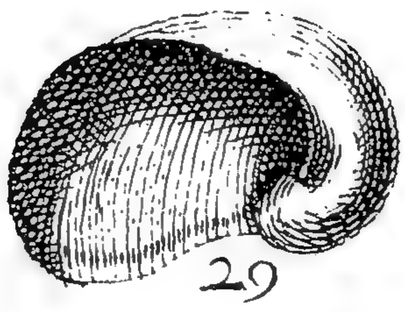
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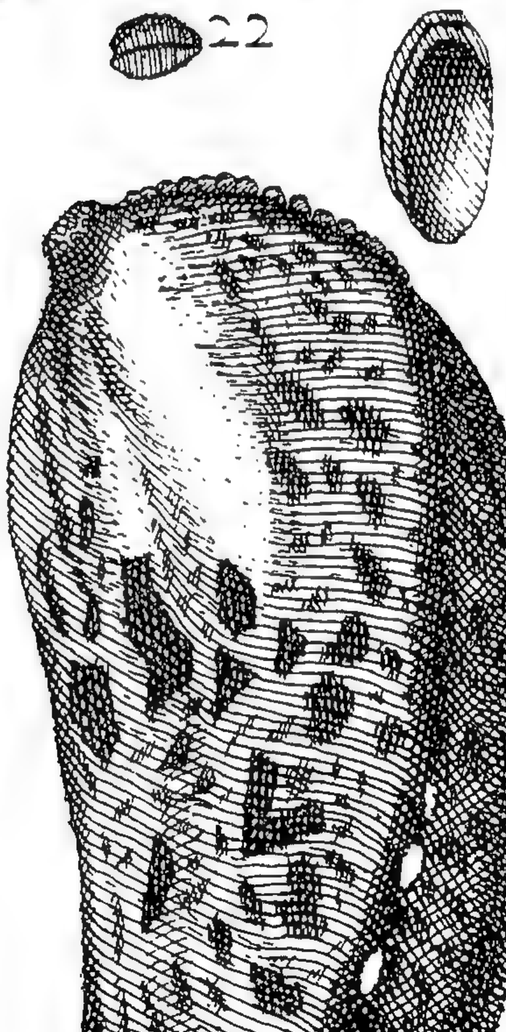
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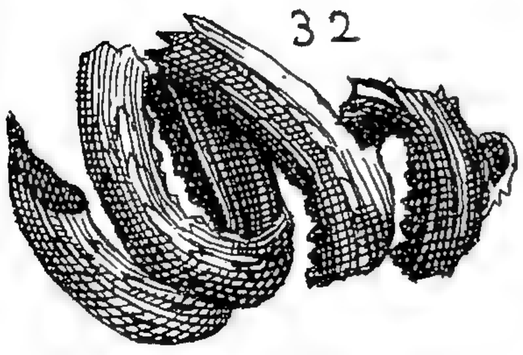
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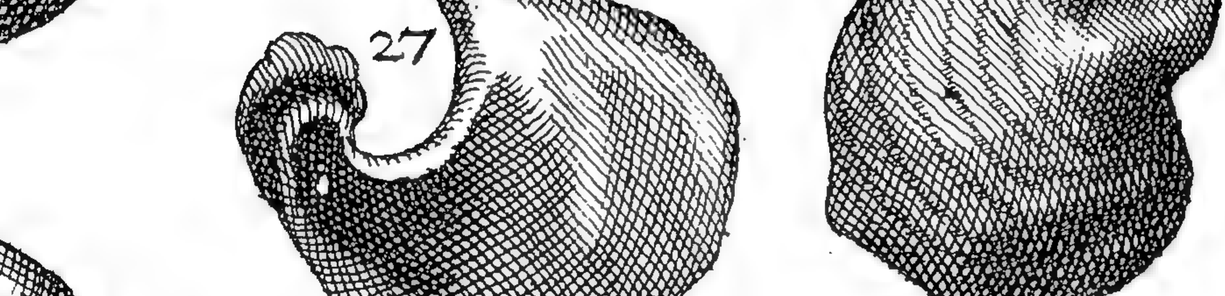
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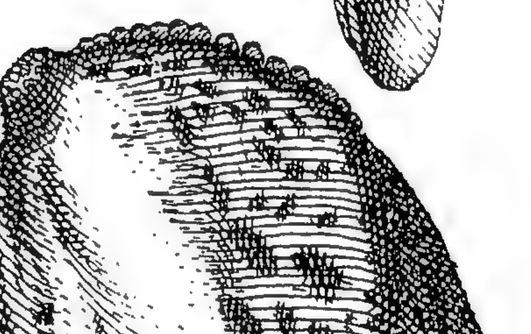
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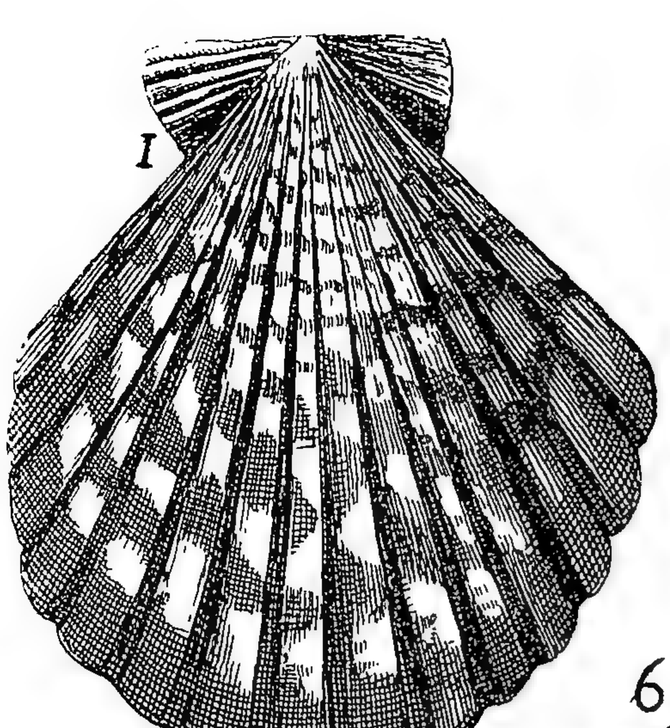


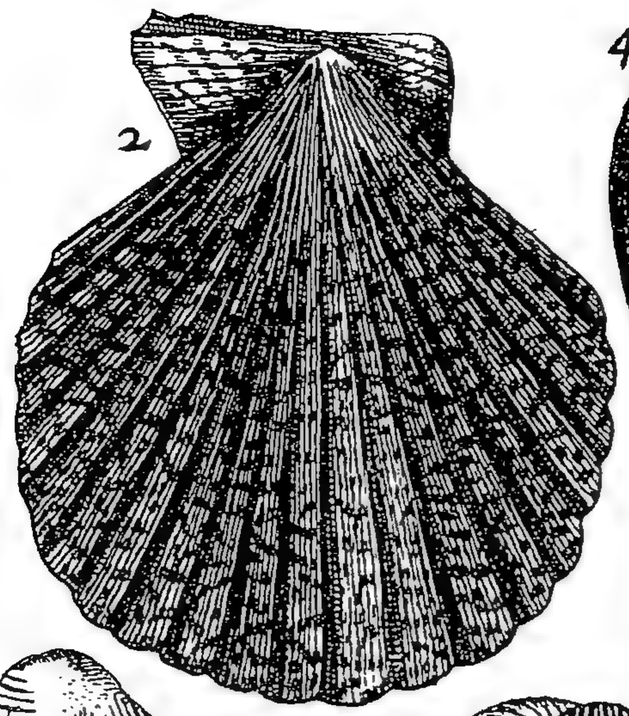
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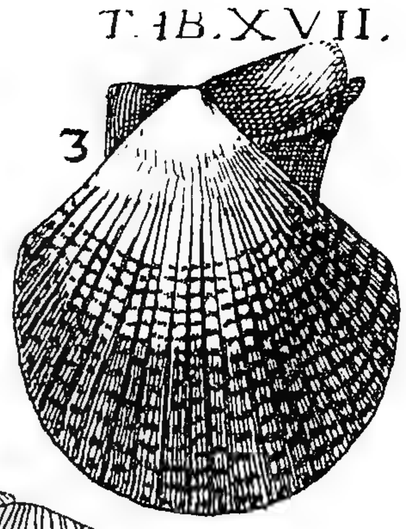
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TAB. XVII.


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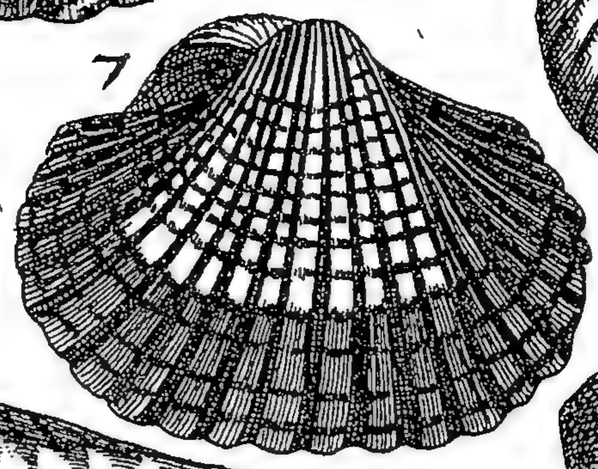

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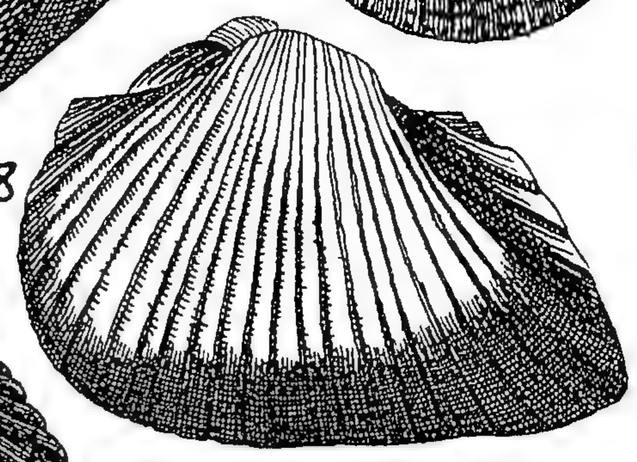

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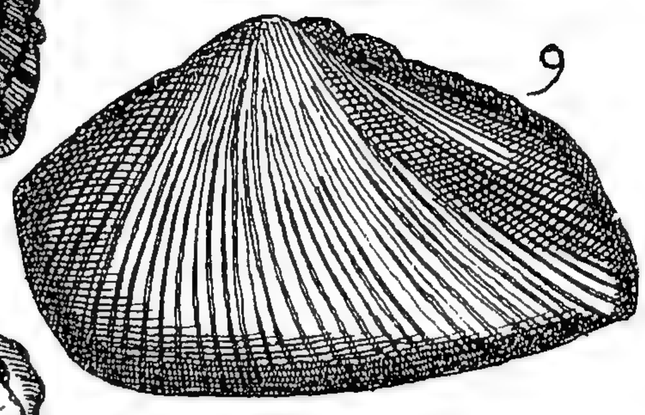

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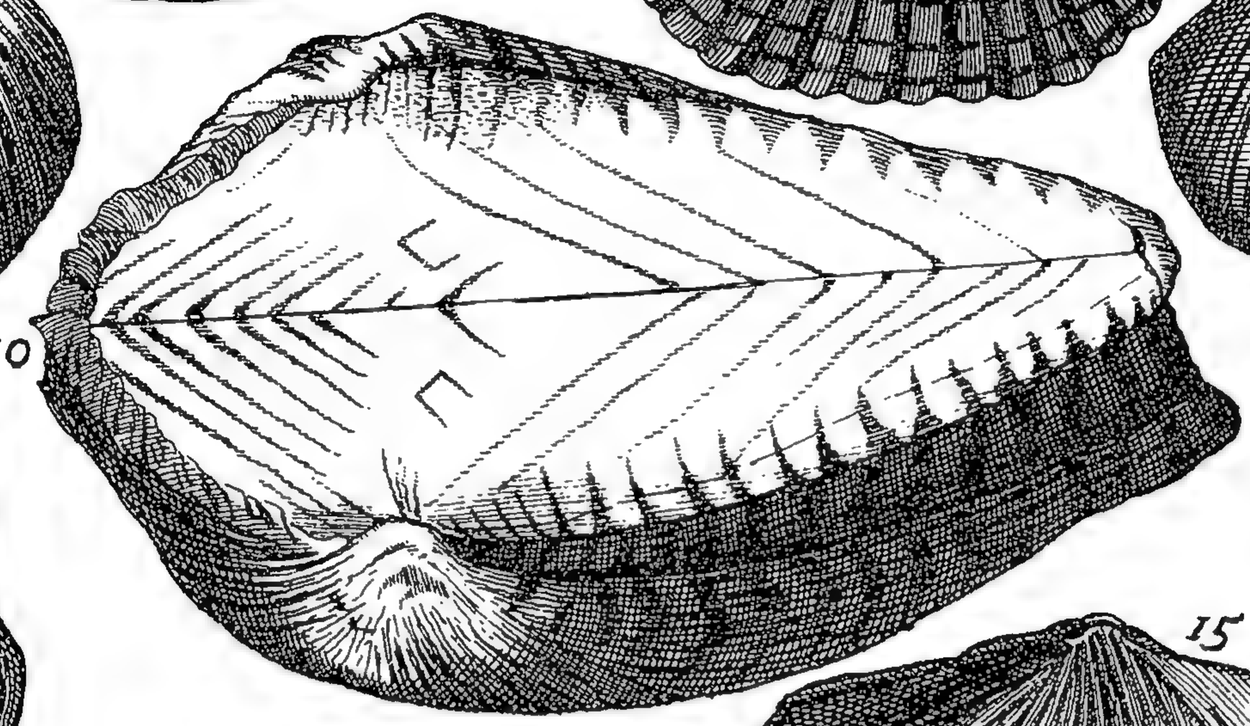

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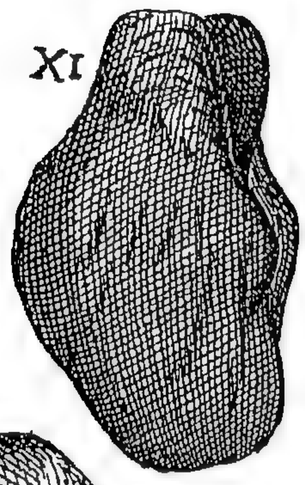

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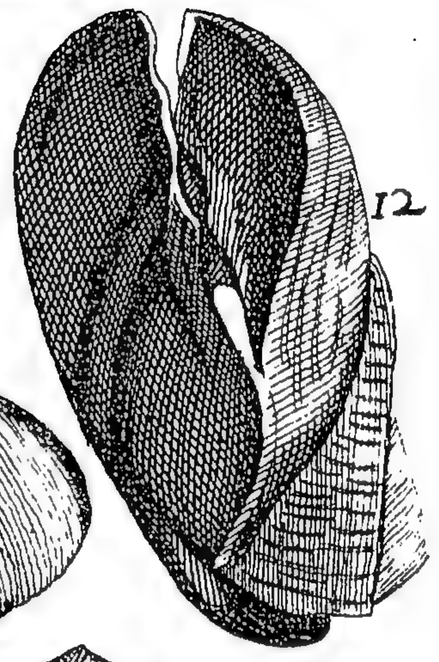

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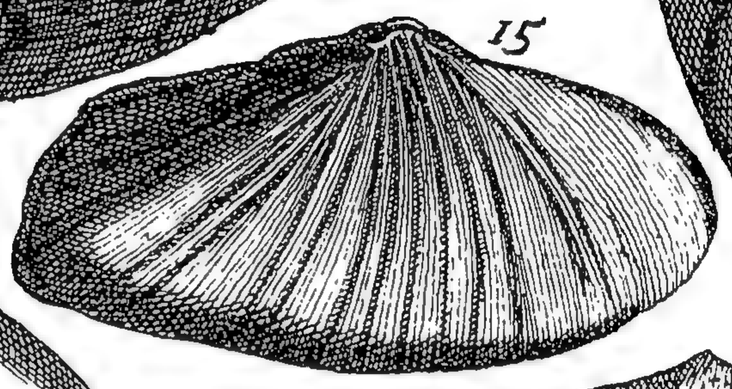

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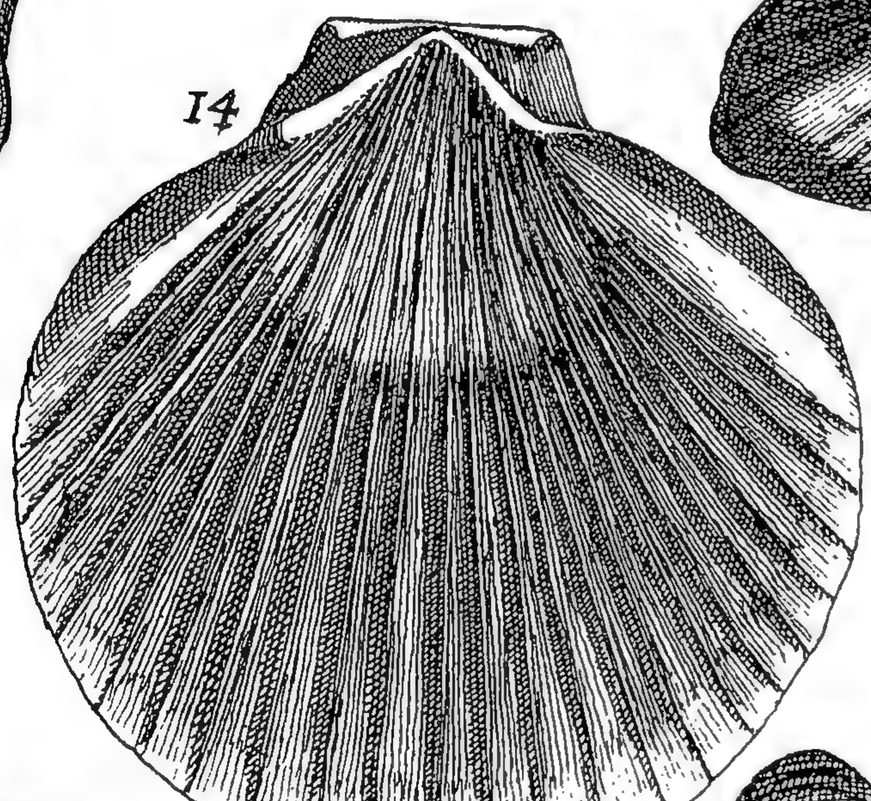

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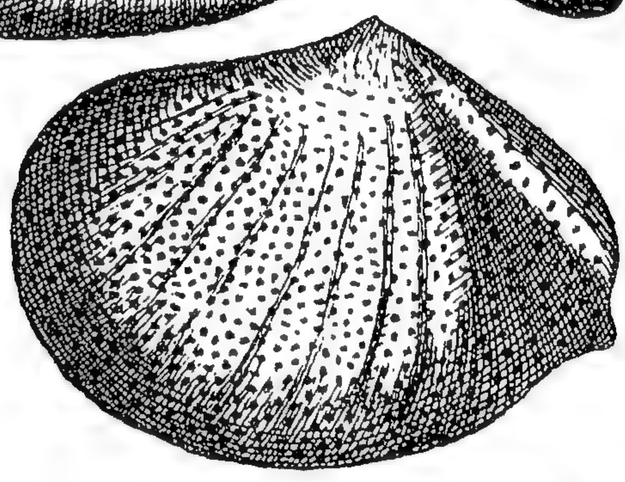

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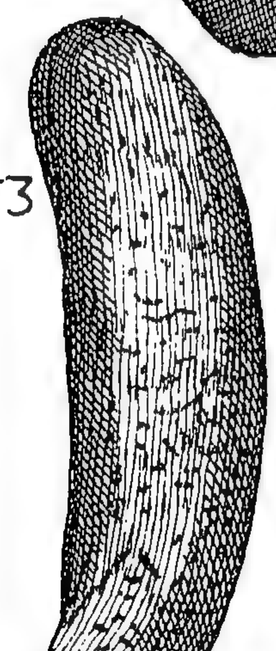

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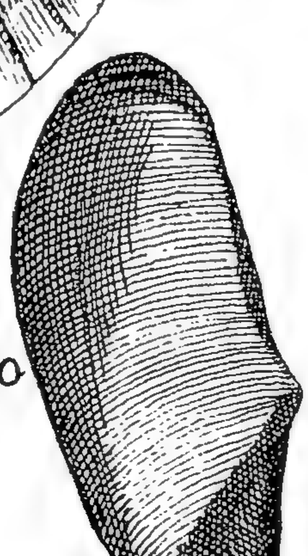

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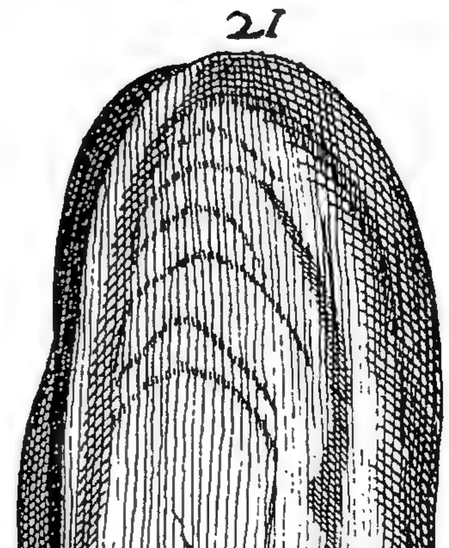

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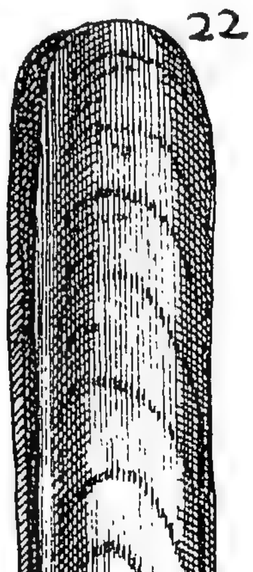

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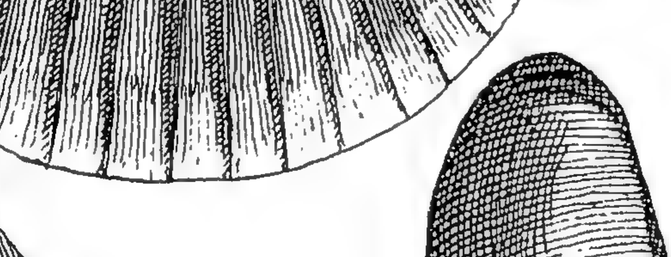

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TAB. XVIII.

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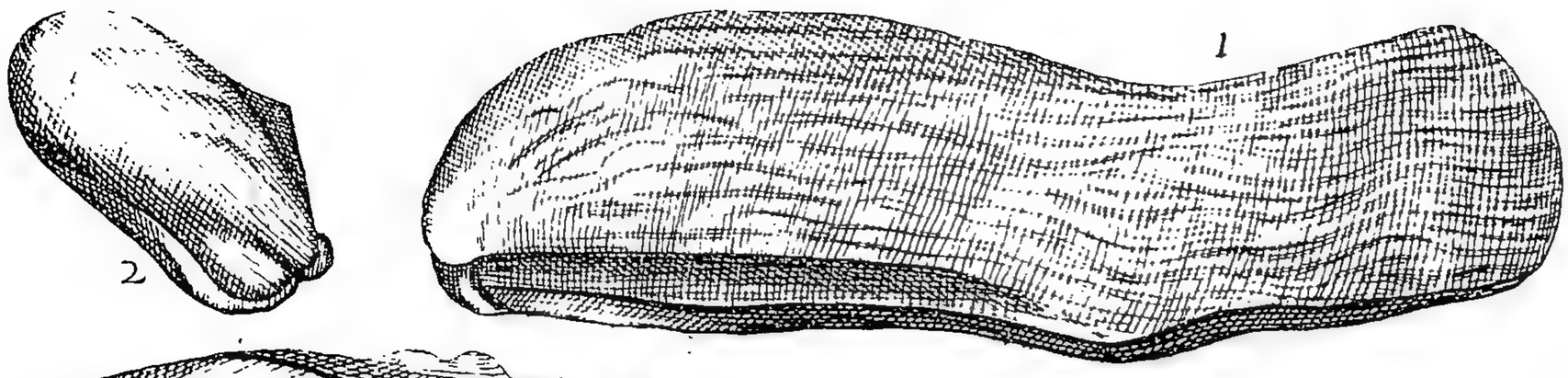
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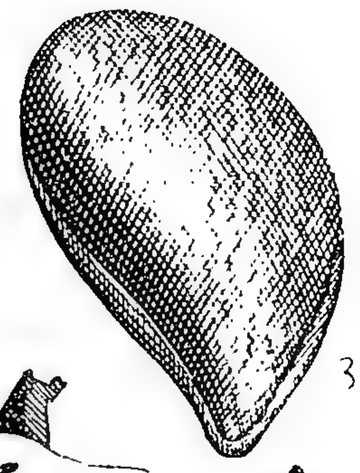
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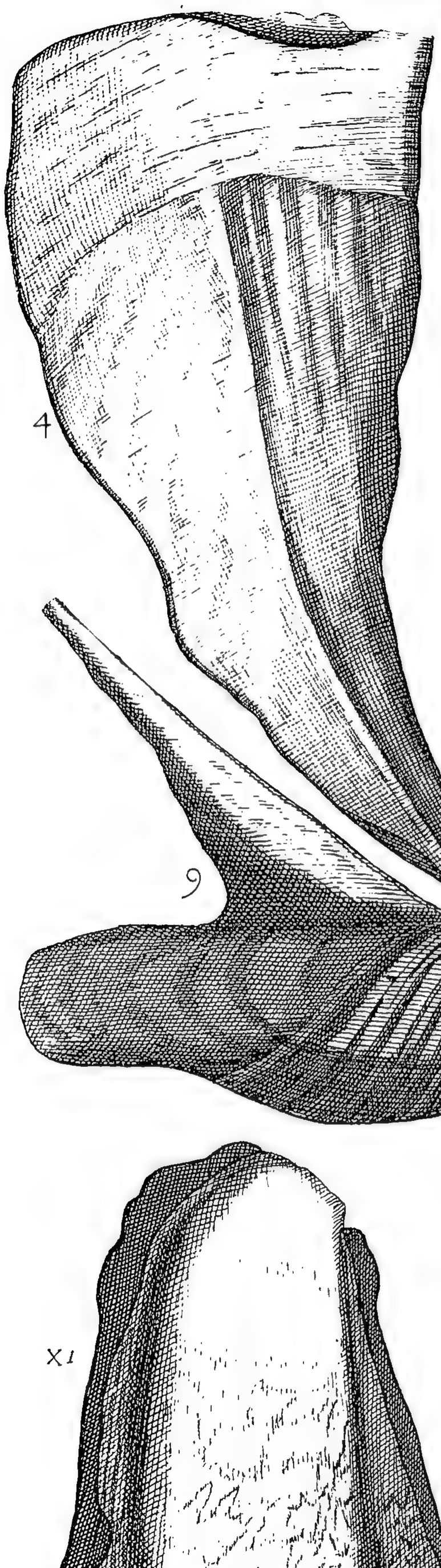
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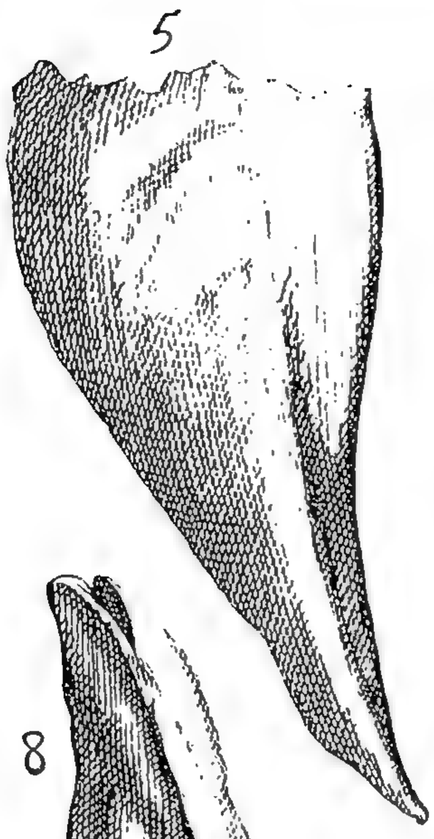
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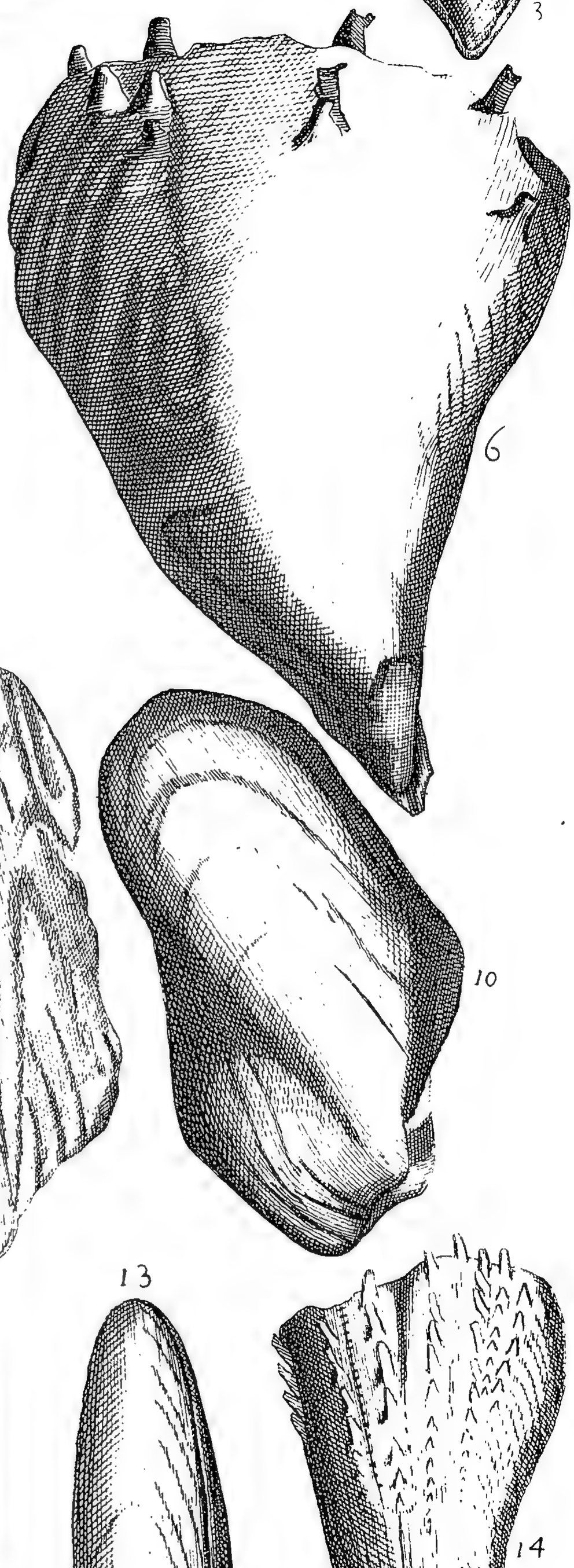

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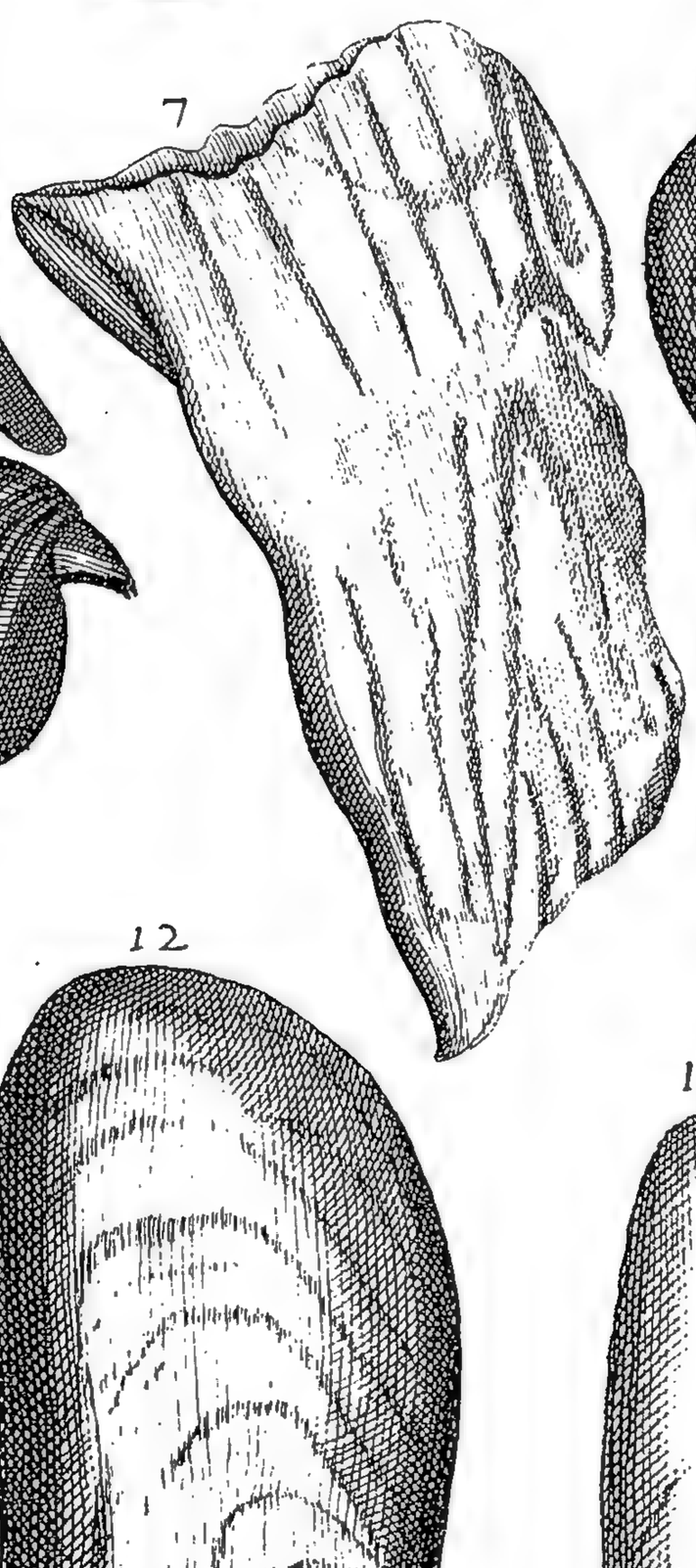

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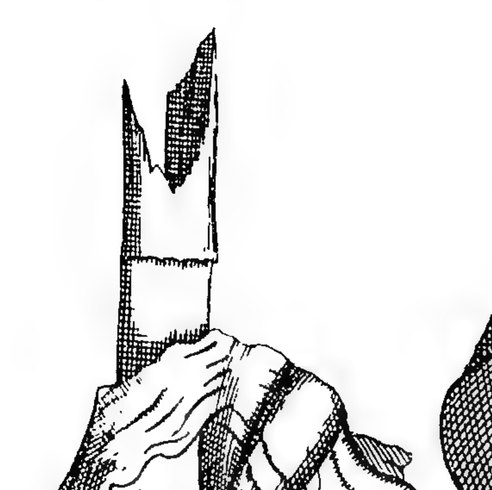
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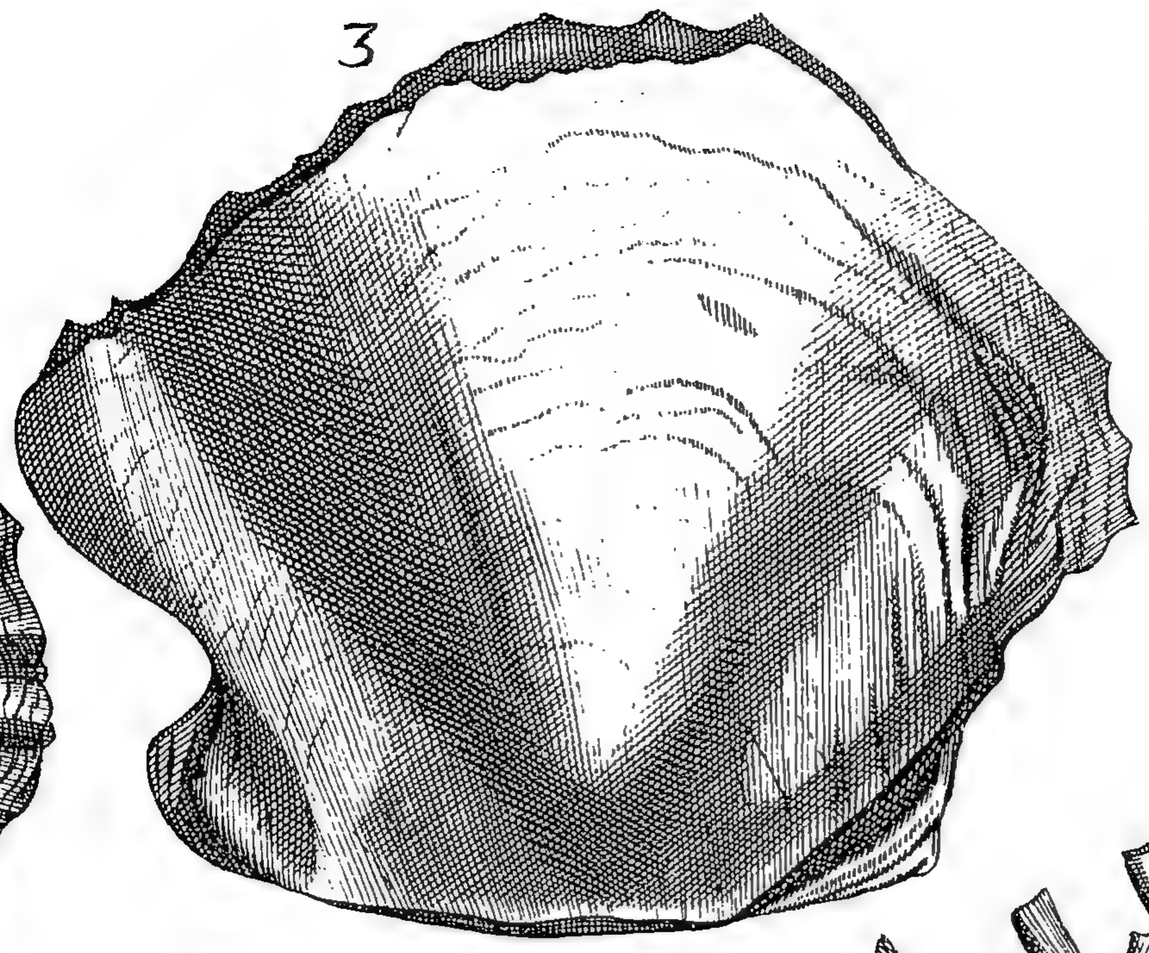
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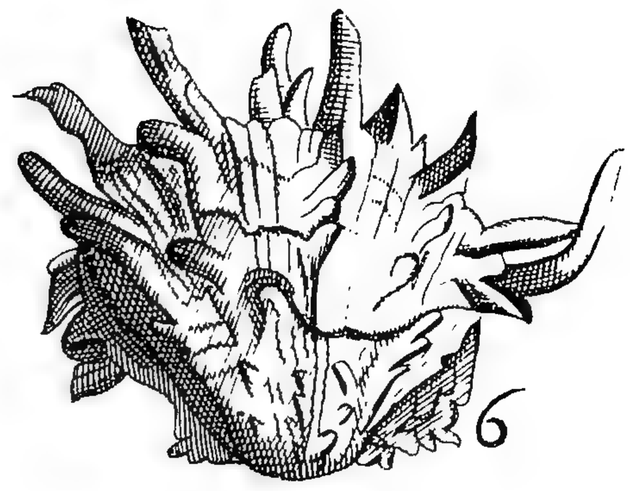
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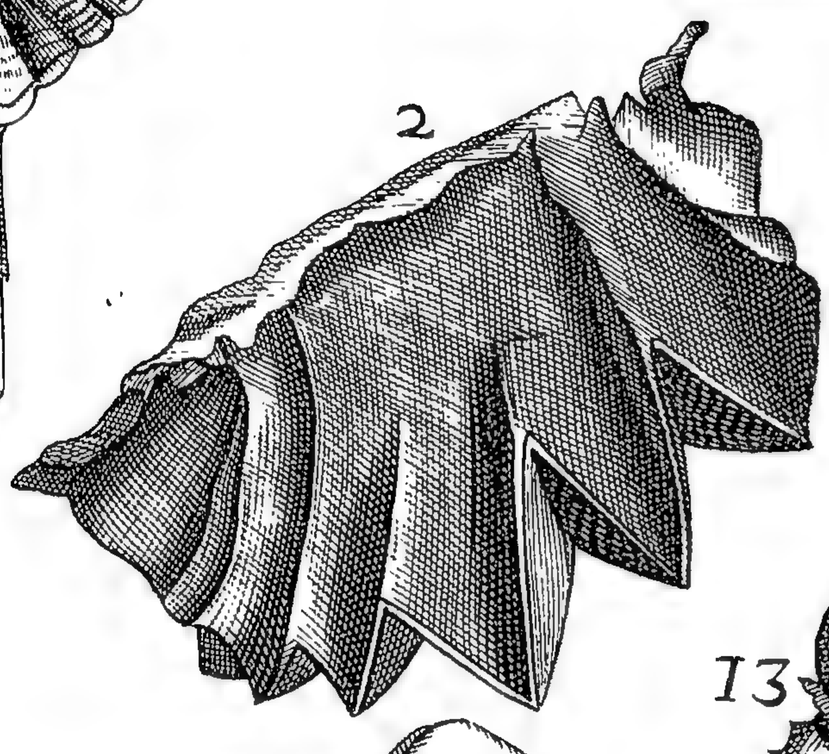
FIG. I.

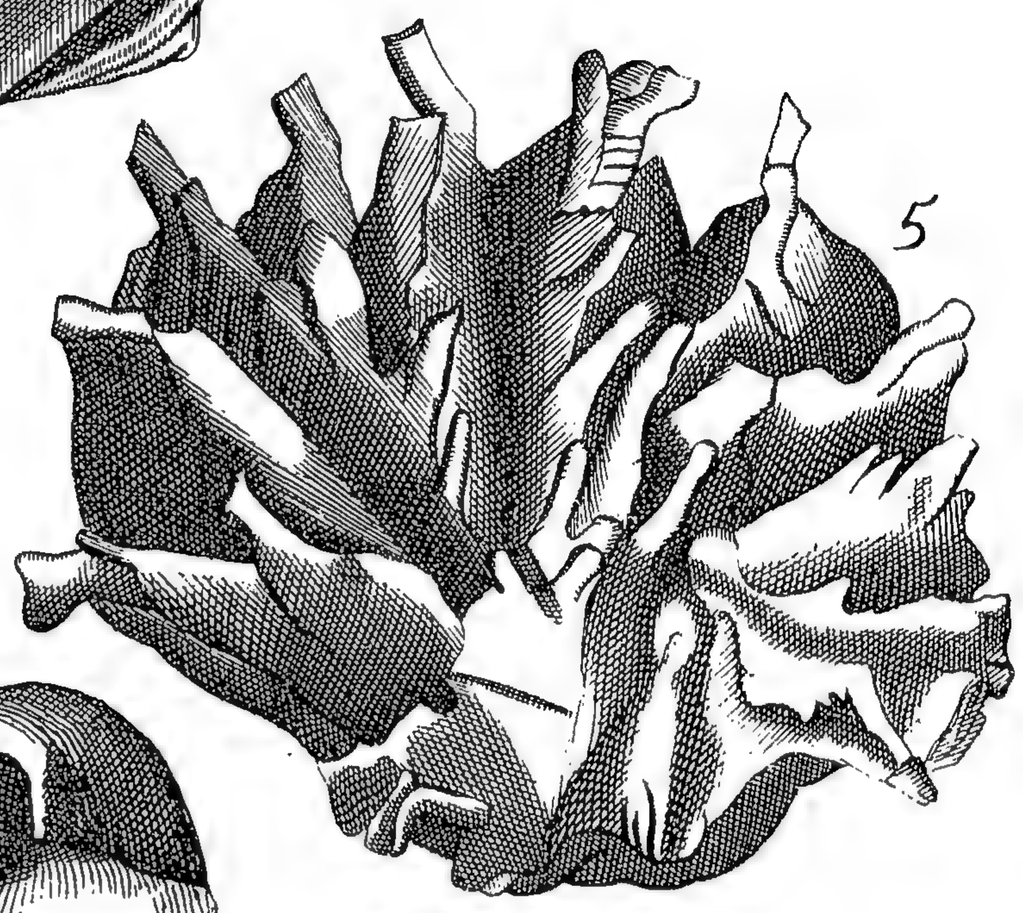
TAB. XX.



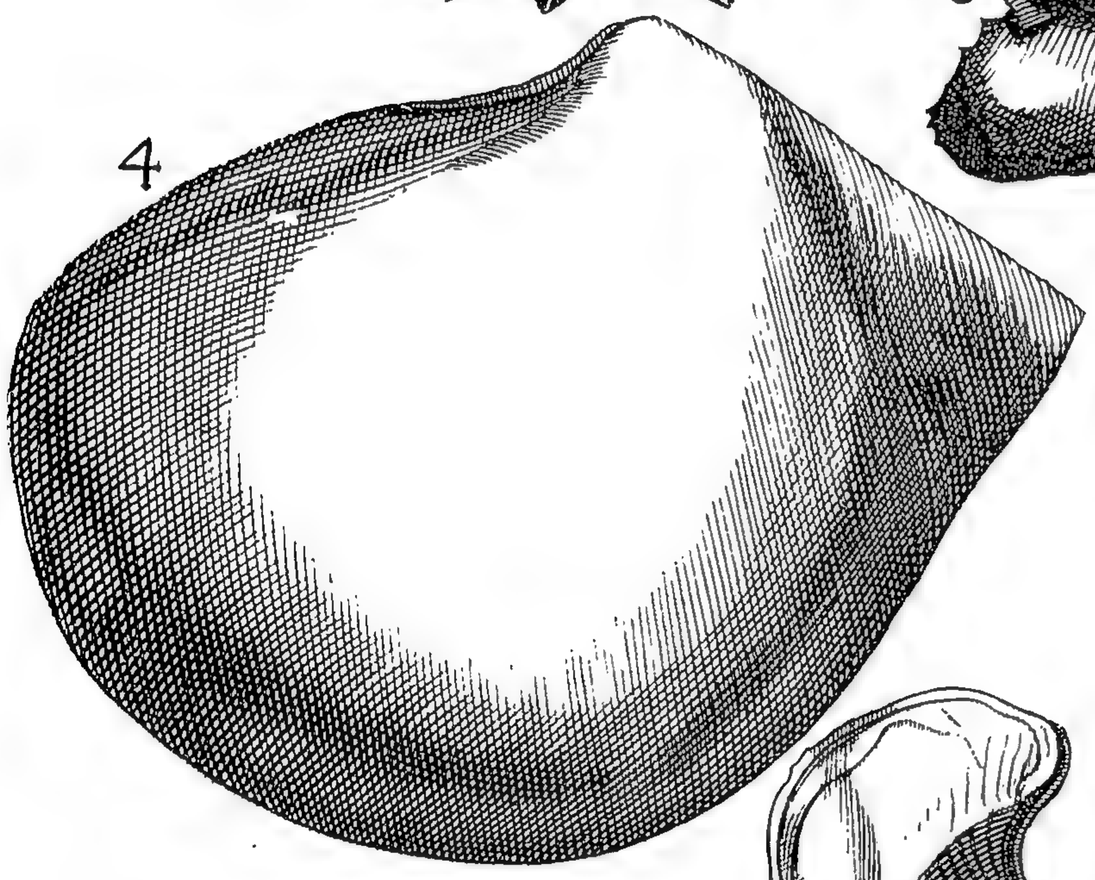


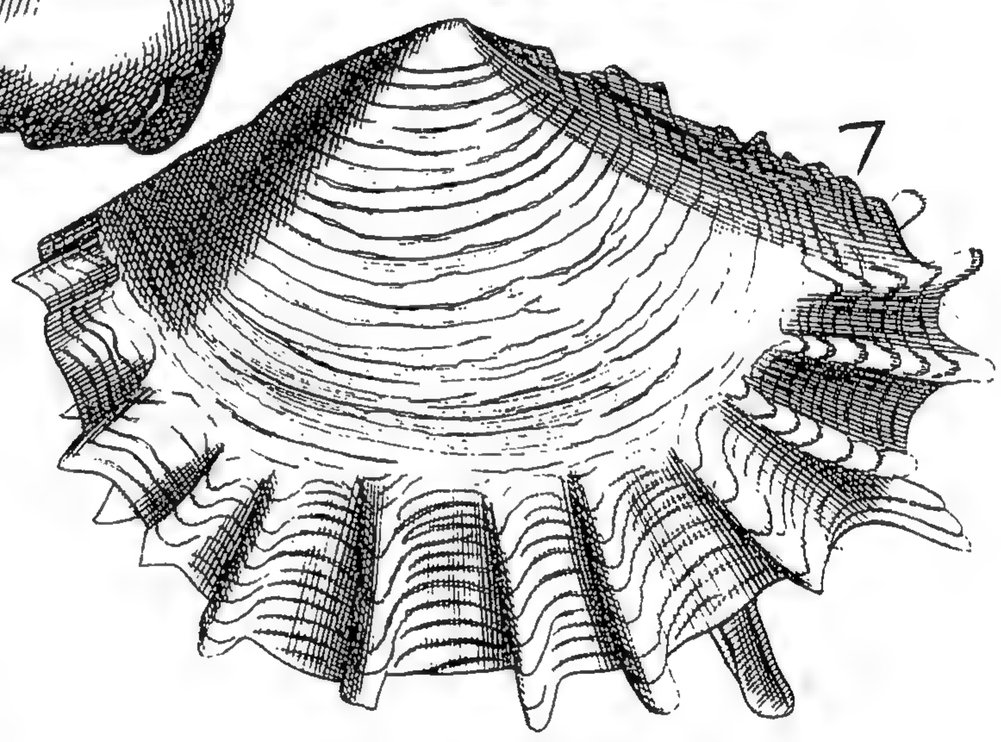




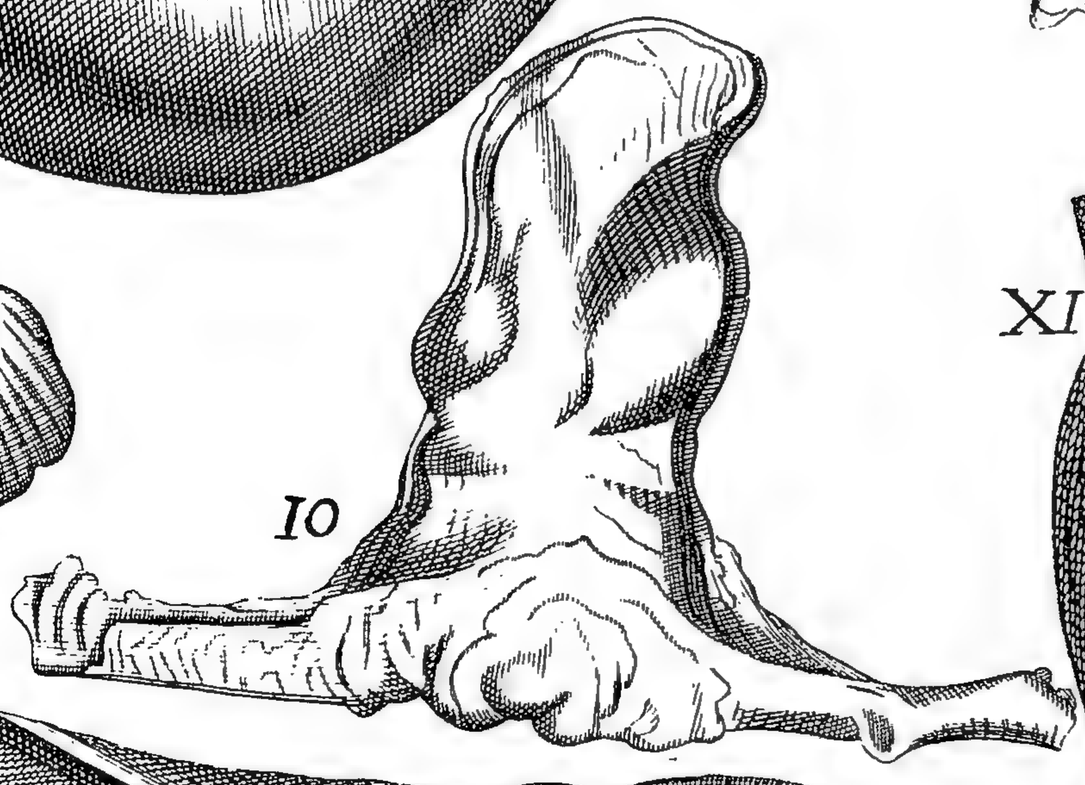


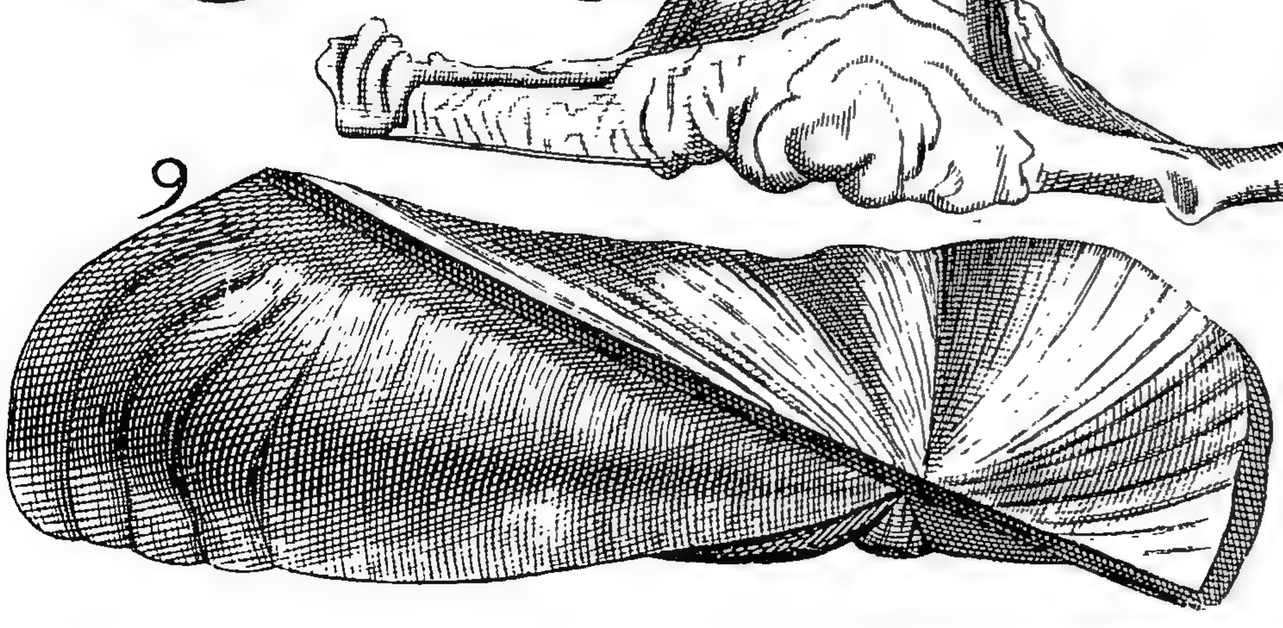












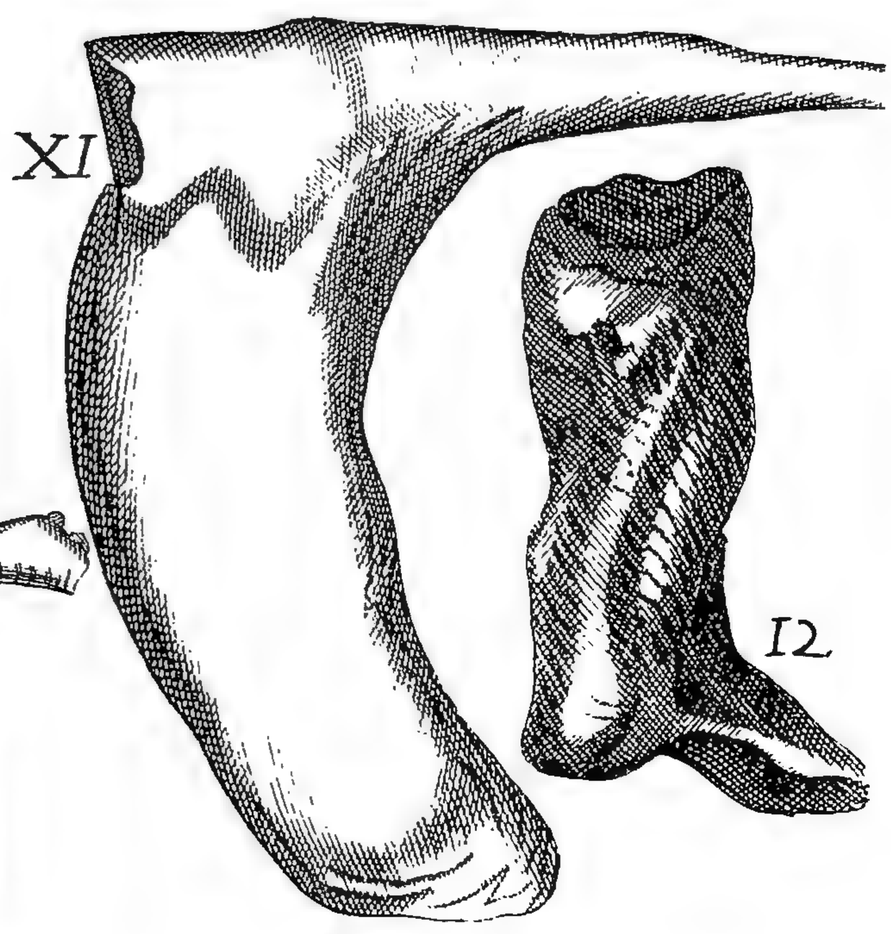
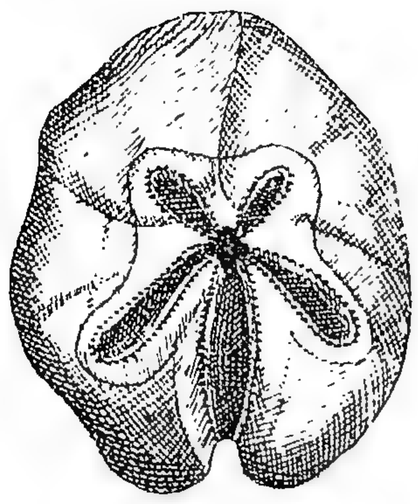
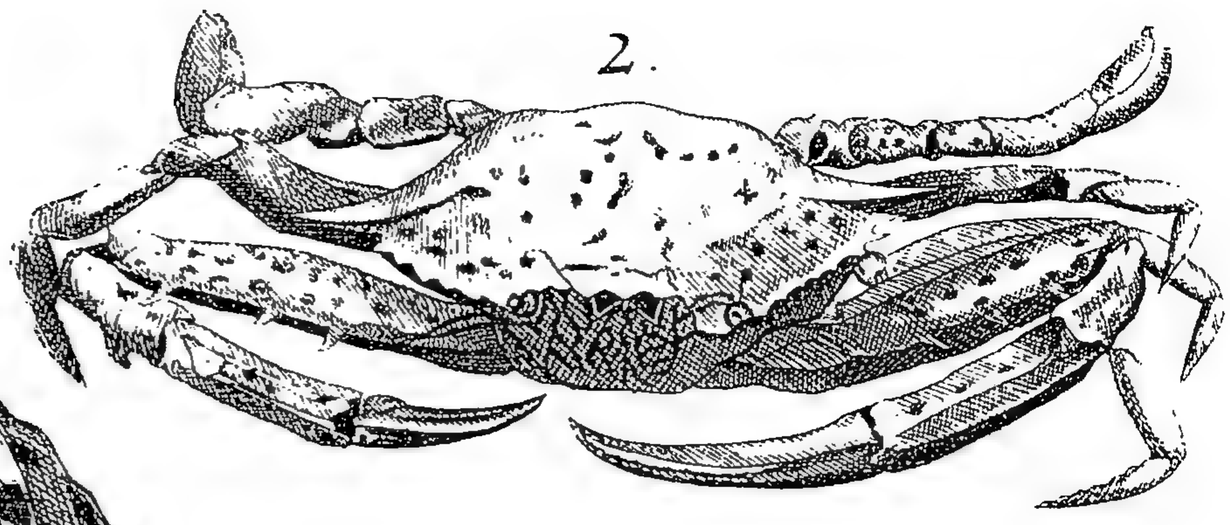
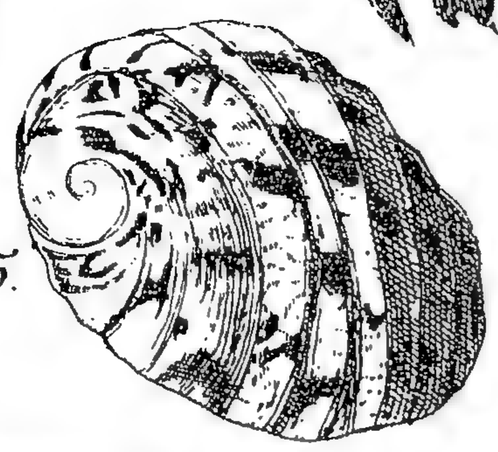


Fig 1.

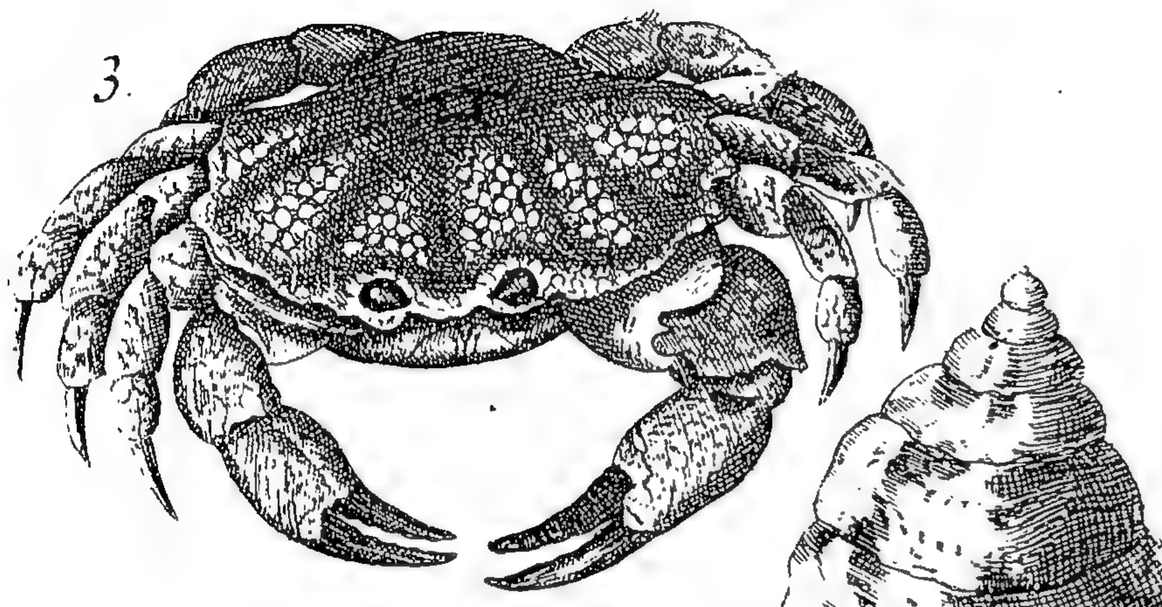




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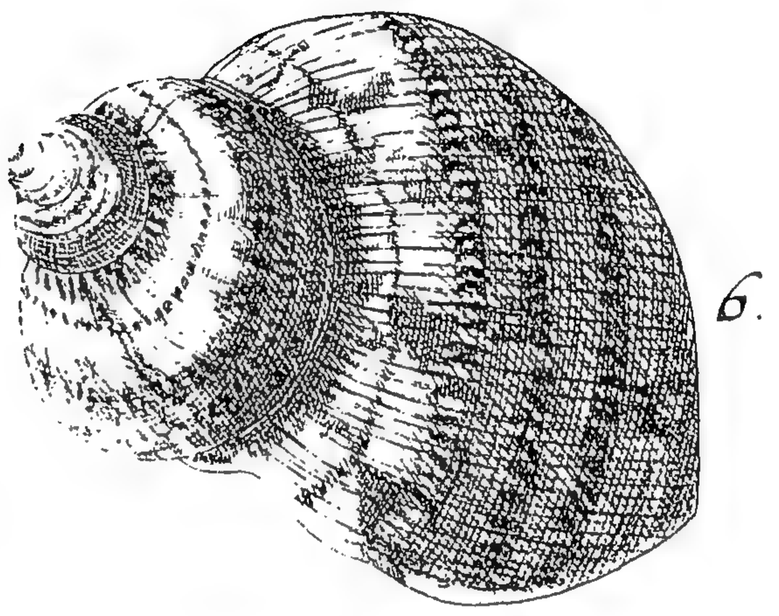
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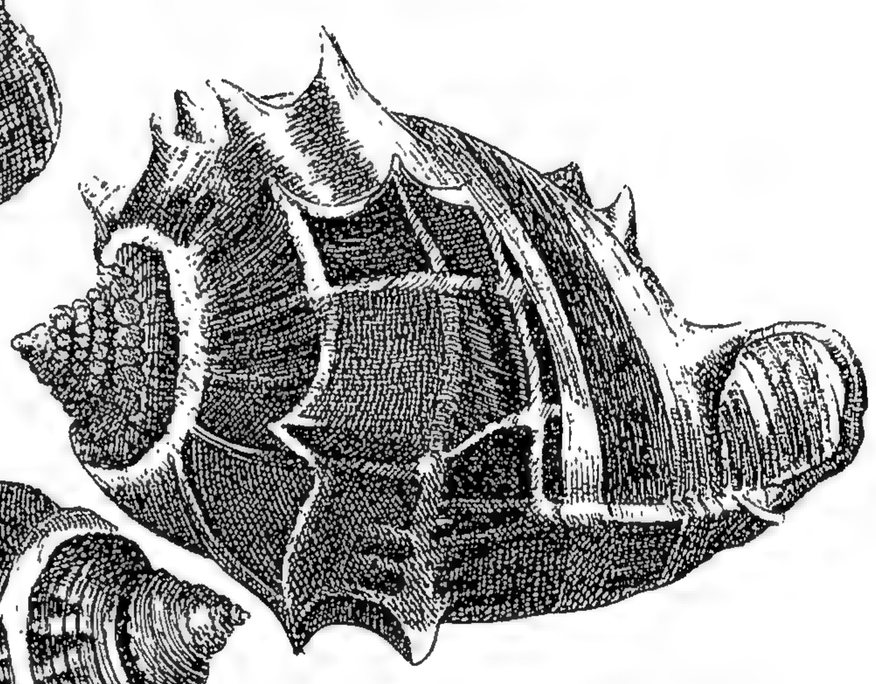
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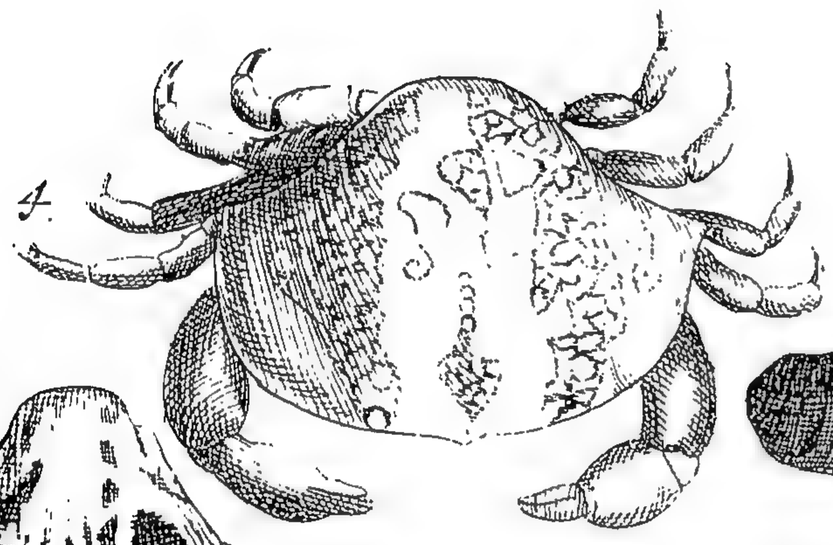
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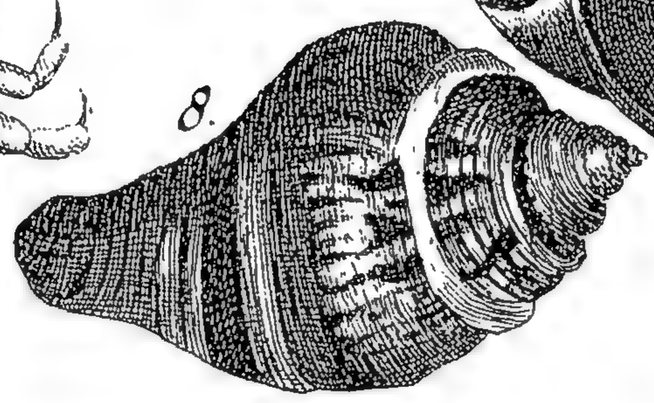
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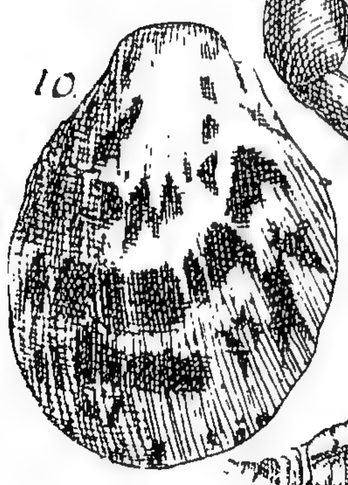
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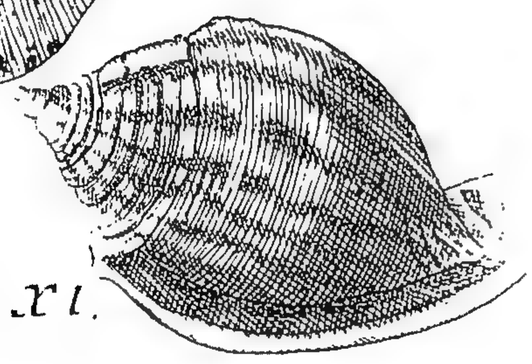
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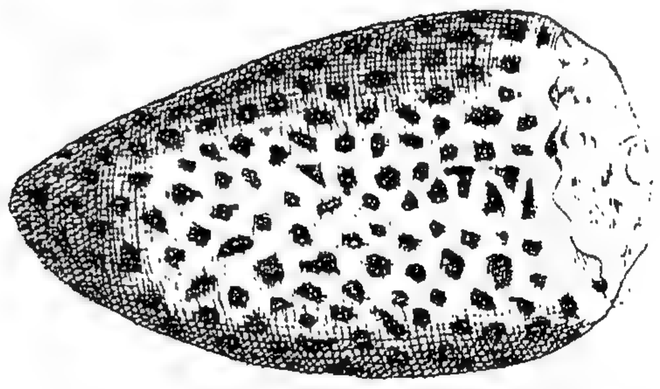
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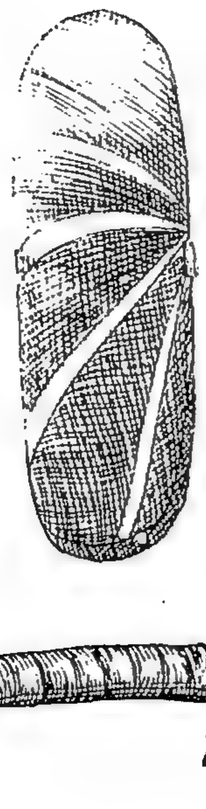


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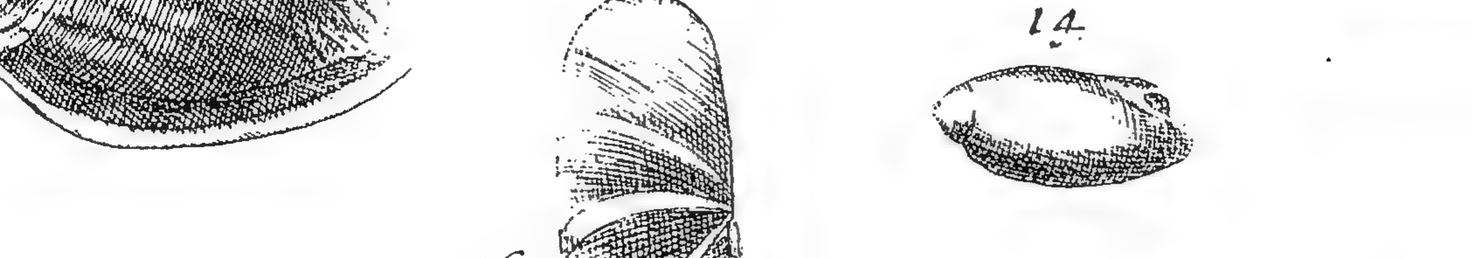
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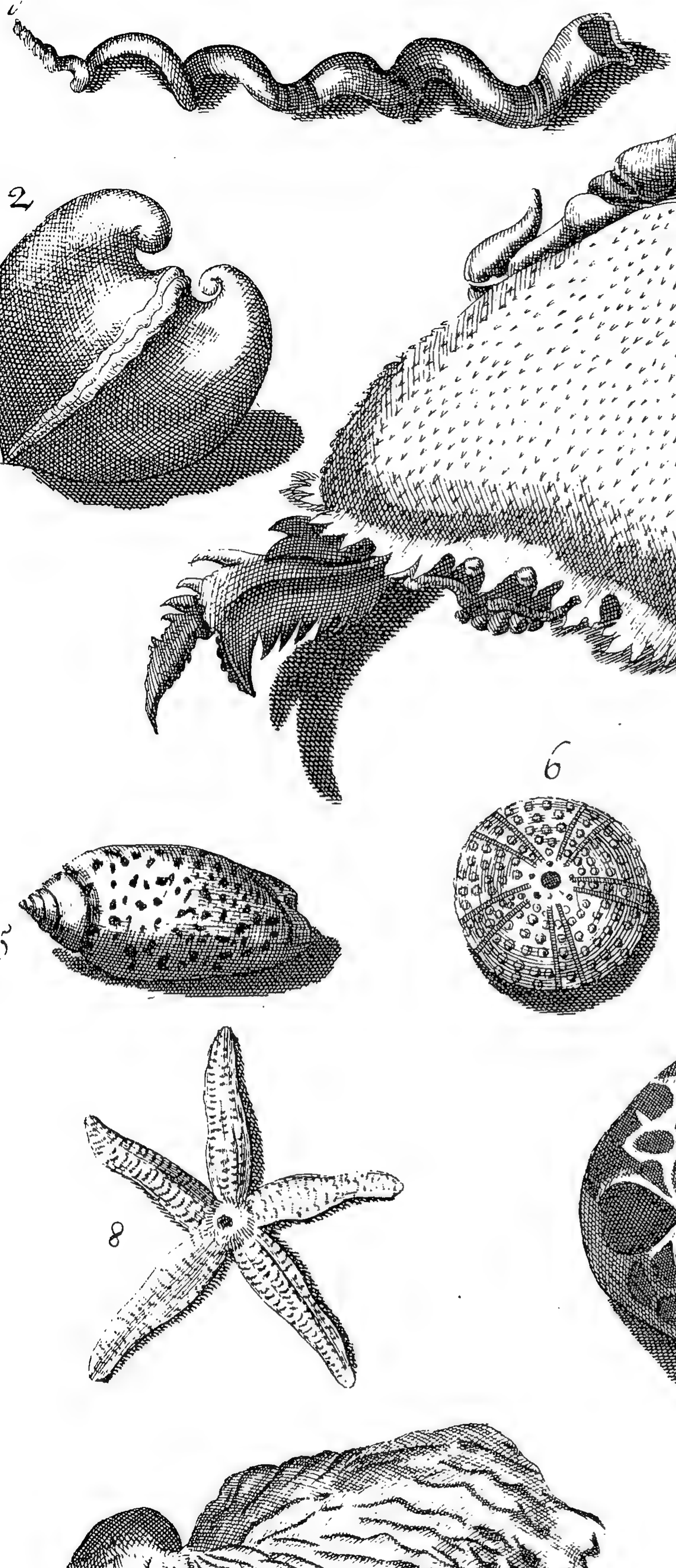
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Fig 1



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TAB. XXI.

1 ECHINUS ſulcatus. Doodſhoofd.
Rumphii Tab. 14. fig. 2. p. 36.

2 Pagurus. Reidjungan. Stekel Krabbe. *Stickling Crab.*
Rumphii Tab. 7. L. R. pag. 11. c. 8.

3 Cancer Æneus. Cattam Tambaya. Koper Krabben. Belg. *Copper Crab.*
Rumphii Tab. 11. fig. 4. pag. 18. c. 17.

4 Cancer ſloridus. Cattam Bonga. Bloem-Krabbe. *Flower Crab.*
Rumphii Tab. 8. fig. 5. p. 16. c. 15.

5 Valvata ſemilunaris vera. *Moon-ſpotted Nerit.*
Rumphii Tab. 22. fig. 3.

6 Cochlea lunaris minor. Bia matta bulan.
Rumphii Tab. 19. fig. 5.

7 Trochus maculoſus. Bia Cucuſſan.
Rumphii Tab. 21. f. 4.

8 Caſſis verrucoſa. Pimpeltje.
Rumphii Tab. 24. f. 3.

9 Caſſis verrucoſa. Pimpeltje. Dubbelde getakte.
Rumphii Tab. 24. fig. 2.

10 Cochlea ſtriata. Bia Tſjon kil. M. culis nigris & albis.
Rumphii Tab. 22. fig. 8. p. 79.

11 Caſſis levis. Geſtreepte Bezoar.
Rumphii Tab. 25. fig. 2.

12 Voluta. Bia Tſjintſjing. Groote Olyve Bard-Toot.
Rumphii Tab. 31. fig. 5.

13 Trochus tuberculatus. Bia Cucuſſan.
Rumphii Tab. 21. fig. 10.

14 Cylindrus decimus. Rollen.
Rumphii Tab. 39. ffg. 8. p. 120.

15 Voluta arenata. Bia Tſjintſjing. Vlooje-ſcheet.
Rumphii Tab. 33. fig. 2.

16 Tellina violacea. Purpere Sonne Straal. of. groote Tour de Bra. *Welt rib'd Muſcle.*
Rumphii Tab. 45. f. E.

17 Phallus. Liſt. H. C. tab. 548. No. 3. Venus-ſchagt.
Rumphii. Tab. 41, f. 7.

18 Tubulus Vermium. Hoorn ſlang.
Rumphii Tab 41. fig. 3,

TAB. XXII.

1 Tubulus Vermium. Liſt. tab. 548. No. 1. Hoornſlangetje Rumph. Tab. 41. fig. 1.

2 Bucardites. Dubbelde Zotskapſchulp.
Rumphii Tab. 48. fig. 10.

3 Cancer Raniformis. Cattam Cadoc. Malaice, Hyu Allaac. Amb.
Rumph. Tab. 7. Lit. T.

4 Cornu Hammonis. Amboinice, Tay Manuſamal. Poſt-Hoorentje.
Rumph. Tab. 20. fig. 1.

5 Cylinder octavus. Blauwdroppen.
Rumph. Tab. 39. fig. 6.

6 Echinus ſaxatilis. Turkſchen Tulband.
Rumph. Tab. 14. Lit. A.

7 Cylinder nonus. Groote Glimmetjes.
Rumph. Tab. 39. fig. 7.

8 Stella marina, 5 radiorum.
Rumph. Tab. 15. Lit. E.

9 Echinus ſtriis marmoreis dotatus. Doodſhoofd.
Rumph. Tab. 14. No. 1.

10 Nautilus tenuis. Rumph. Tab. 18. fig. 4. p. 67. Roema Gorita, Malaice. Liſt. tab. 554. *Fine brittle Sailer.*

11 Tubulus Vermium. Hoorn-ſlangetje. Rumph. Tab. 41. No 2. Liſt. tab. 548. fig. 2.

12 Valvata faſciata. Bia Tsjonkil. Mal.
Rumph. Tab. 22. fig. 2.

TAB. I.

Rudiments of BOTANY.

FIG.

1 COralline. *Sertularia.*
2 Sea wrack in Seed. *Fucus.*
3 Spangle Moſs. *Lichen.*
4 Shank Moſs. *Bryum.*
5 The Spike of the Horſe-tail. *Equiſetum.*
6 Fern with its Seeds. *Polypodium.*
6 a. b.) The ſame magnified.
7 Demi-flower.—Semifloſculus. *Leontedon.*
8 Compound flower.—Compoſitus. *Doronicum.*
9 Radiated flower——Radiatus. *Star-flower. Aſter.*
10 A compound flower of the Bottle flower. *Cyanus.*
11 Umbell, with a. its Flowers, and b. its Seed.
12 Corniculated-flower. Heel-flower. *Aquilegia.*
13 *Star-Plant.*——Foliis verticillatis. *Gallium.*
13 a.) Its flowers.
13 b.) Its fruit.
14 Cap flower, *Cerinthe*
15 Pipe-flower. *Primula.* (Hypocrateriformis)
16 Naked flowret. *Statice?*
17 Whorle Plant.——Floribus verticillatis. *Sideritis.*
17 a.) Its bloſſom.
17 b.) Its cup.
17 c.) Ditto cut open, with the Seed.
18 Burhead. The Seeds of a Butter flower. *Ranunculus.*
19 Star-head. The Seeds of Iſopyrum,
20 A Buckler. The Seeds of *Cynoglaſſum.*
21 A Pea Bloſſom. *Piſum. (Papilionaceus.)*
22 A Snout-flower. Antirrhinum. *(ringens)*
23 A monopetalous, regular flower of *Convolvulus.*
24 A bottle-ſhap'd Flower of *Convallaria.*
25 A tripetalous Flower of *Damaſonium.*
26 A pentapetalous Flower of *Potentilla.*
27 A Liliaceous bloſſom of *Crocus.*
28 A bipetalous Bloſſom.
29 A tetrapetalous Flower of *Braſſica.*
30 A Rotated (wheel-like) bloſſom of *Omphalodes.*
31 A Polypetalous bloſſom of *Iris.*
32 An Apetalous Flower of *Biſtorta.*
33 Ditto of Ruſh? *Juncus.*
34 Ditto of *Sparganium.*
35 A Flower of a Graſs. *Poa.*
36 Ditto of oat. *Avena.*
37 Ditto of a *Cyperus.*
37 a. The ſame magnified.
38 Flowers of Hazel. *Corylus.*

TAB II.

Rudiments of BOTANY.

FIG.

1 The bloſſom of Corona imperialis, to ſhew the different Parts of a Flower;
a.) The Petala.
b.) The Stamina.
c.) The Piſtillum.
d.) The Rudiment of the fruit.
2 A *Stamen* with its a.) *Filament*, and b.) *Apex.*
3 A Filament by itſelf.
4 A *Stamen* with the *Apex* burſt.
5 An *Apex* by itſelf.
6 A *Stamen* with the *Apex* flat open'd to ſhew the *Farina.*
7 A *Stamen* of Populago (Caltha paluſtris.)
8 A *Stamen* open'd on both ſides.
9 A magnified Apex of the *Epimedium.*
10 A magnified *Piſtillum* of *Populago.*
11 Flowrets (Floſculi) of Plants with compound Flowers.
11 A.) A Flowret magnified.——a.) The *Seed.*——b.) The *Pappus.*——c.) The Tub.——d.) The Limbus.——e.) The Cylinder of the Apices.——f.) The Summit of the Piſtill.
11 B.)——a.) the *Filaments.*——b.) The Cylinder of the Apices cut open.
11 C.) A Flowret, whoſe Seed has no Pappus.
11 D.) A demi-flowret, of a radiated Flower.
12 An Apex of Epimedium burſt open from below.
13 A Piſtil of Gentiana.
14 A Piſtil of a Campanula.
15 The Piſtil of a Lilium, where the Stylus is cut to ſhew that it is hollow.
15 A.) The ſame magnified to ſhew the roughneſs of the ſummit.
15 B.) The Rudiment of the fruit cut tranſverſely, ſo that the three loculaments are ſeen.
16 The Cup *(Calyx)* of a Ranunculus, conſiſting of five leaves.
17 The Seed Veſſel of a Papaver.
18 A two-leav'd Cup of a Papaver.
19 A five-leav'd cut cup of a Roſe.
20 A Cone of a Fir. *(Abies.)*
21 A Catkin of the Bloſſoms in Willows. *(Salix.)*
22 The Fruit of the Blackberry. *(Rubus.)*
23 A Nut of Hazel. *(Corylus.)*
24 A winged Seed of Aſh *(Fraxinus)*
25 The Seed-veſſel of the Spindle-berry. *(Euonymus.)*
26 A Cone of a Pine. *(Pinus.)*
27 An Acorn of an Oak *(Quercus.)*
28 The fruit of a Roſe, prickly, and crowned with the Leaves of its Cup.
29 A Berry, round and ſmooth.
30 The fruit of Beech. *(Fagus.)*
31 A winged Seed of Elm. *(Ulmus.)*
32 The Seed-veſſel of Linden-berry. *(Tilia.)*

Tab I.

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TAB. I.

Rudiments of BOTANY.

FIG.

1 Coralline. *Sertularia.*
2 Sea wrack in Seed. *Fucus.*
3 Spangle Moss. *Lichen.*
4 Shank Moss. *Bryum.*
5 The Spike of the Horse-tail. *Equisetum.*
6 Fern with its Seeds. *Polypodium.*
6 a. b.) The same magnified.
7 Demi-flower.—Semiflosculus. *Leontodon.*
8 Compound flower.—Compositus. *Doronicum.*
9 Radiated flower——Radiatus. *Star-flower. Aster.*
10 A compound flower of the Bottle flower. *Cyanus.*
11 Umbell, with a. its Flowers, and b. its Seed.
12 Corniculated-flower. Heel flower. *Aquilegia.*
13 *Star-Plant.*——Foliis verticillatis. *Galium.*
13 a.) Its flowers.
13 b.) Its fruit.
14 Cap flower, *Corinthe*
15 Pipe-flower. *Primula.* (Hypocrateriformis)
16 Naked flowret. *Statice?*
17 Whorle Plant.——Floribus verticillatis. *Sideritis.*
17 a.) Its blossom.
17 b.) Its cup.
17 c.) Ditto cut open, with the Seed.
18 Burhead. The Seeds of a Butter flower. *Ranunculus.*
19 Star-head. The Seeds of Isopyrum,
20 A Buckler. The Seeds of *Cynoglossum.*
21 A Pea Blossom. *Pisum. (Papilionaceus.)*
22 A Snout-flower. Antirrhinum. *(ringens)*
23 A monopetalous, regular flower of *Convolvulus.*
24 A bottle-shap'd Flower of *Convallaria.*
25 A tripetalous Flower of *Damasonium.*
26 A pentapetalous Flower of *Potentilla.*
27 A Liliaceous blossom of *Crocus.*
28 A bipetalous Blossom.
29 A tetrapetalous Flower of *Brassica.*
30 A Rotated (wheel-like) blossom of *Omphalodes.*
31 A Polypetalous blossom of *Iris.*
32 An Apetalous Flower of *Bistorta.*
33 Ditto of Rush? *Juncus.*
34 Ditto of *Sparganium.*
35 A Flower of a Grass. *Poa.*
36 Ditto of oat. *Avena.*
37 Ditto of a *Cyperus.*
37 a. The same magnified.
38 Flowers of Hazel. *Corylus.*

TAB II.

Rudiments of BOTANY.

FIG.

1 The blossom of Corona imperialis, to shew the different Parts of a Flower;
a.) The Petala.
b.) The Stamina.
c.) The Pistillum.
d.) The Rudiment of the fruit.
2 A *Stamen* with its a.) *Filament*, and b.) *Apex.*
3 A Filament by itself.
4 A *Stamen* with the *Apex* burst.
5 An *Apex* by itself.
6 A *Stamen* with the *Apex* flat open'd to shew the *Farina.*
7 A *Stamen* of Populago (Caltha palustris.)
8 A *Stamen* open'd on both sides.
9 A magnified Apex of the *Epimedium.*
10 A magnified *Pistillum* of *Populago.*
11 Flowrets (Flosculi) of Plants with compound Flowers.
11 A.) A Flowret magnified.——a.) The *Seed.*——b.) The *Pappus.*——c.) The Tub.——d.) The Limbus.——e.) The Cylinder of the Apices.——f.) The Summit of the Pistill.
11 B.)——a.) the *Filaments.*——b.) The Cylinder of the Apices cut open.
11 C.) A Flowret, whose Seed has no Pappus.
11 D.) A demi-flowret, of a radiated Flower.
12 An Apex of Epimedium burst open from below.
13 A Pistil of Gentiana.
14 A Pistil of a Campanula.
15 The Pistil of a Lilium, where the Stylus is cut to shew that it is hollow.
15 A.) The same magnified to shew the roughness of the summit.
15 B.) The Rudiment of the fruit cut transversely, so that the three loculaments are seen.
16 The Cup *(Calyx)* of a Ranunculus, consisting of five leaves.
17 The Seed Vessel of a Papaver.
18 A two-leav'd Cup of a Papaver.
19 A five-leav'd cut cup of a Rose.
20 A Cone of a Fir. *(Abies.)*
21 A Catkin of the Blossoms in Willows. *(Salix.)*
22 The Fruit of the Blackberry. *(Rubus.)*
23 A Nut of Hazel. *(Corylus.)*
24 A winged Seed of Ash *(Fraxinus)*
25 The Seed-vessel of the Spindle-berry. *(Euonymus.)*
26 A Cone of a Pine. *(Pinus.)*
27 An Acorn of an Oak *(Quercus.)*
28 The fruit of a Rose, prickly, and crowned with the Leaves of its Cup.
29 A Berry, round and smooth.
30 The fruit of Beech. *(Fagus.)*
31 A winged Seed of Elm. *(Ulmus.)*
32 The Seed-vessel of Linden-berry. *(Tilia.)*

Tab 1.

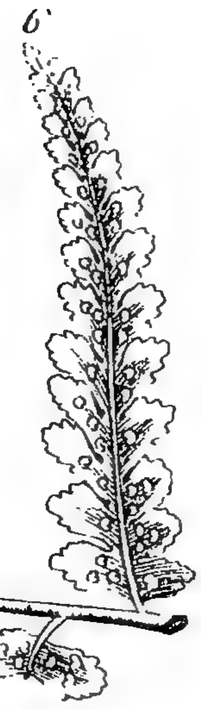

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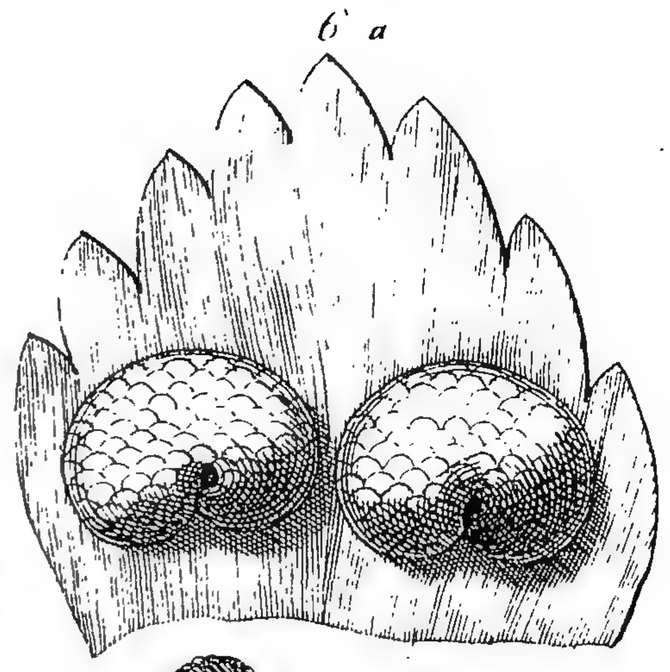

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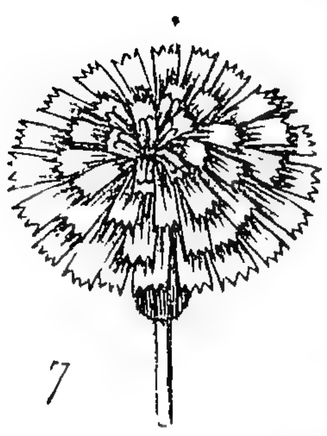

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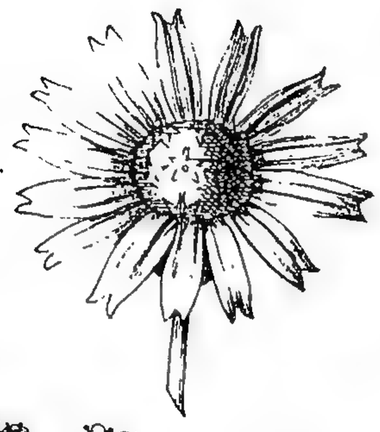

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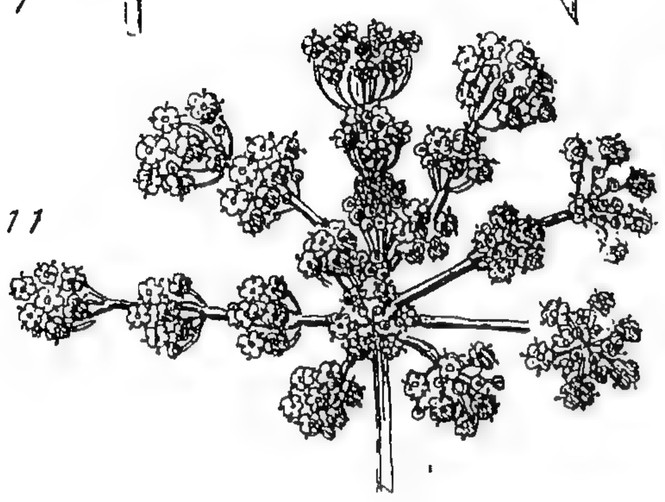

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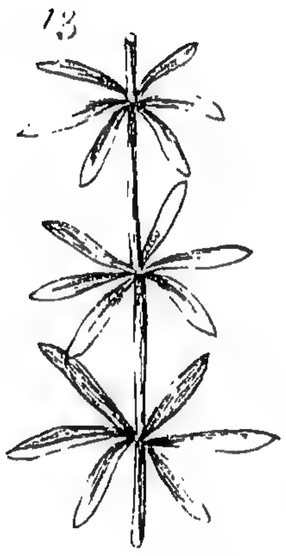

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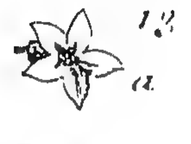

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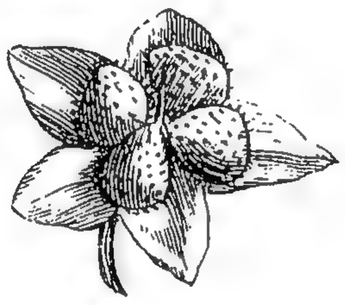

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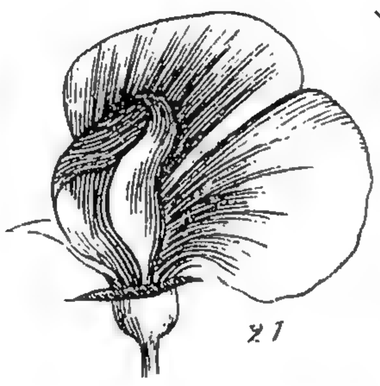
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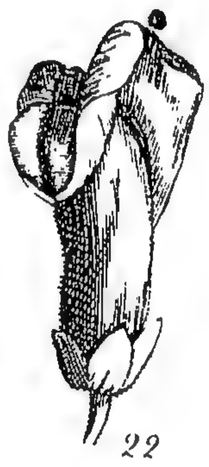

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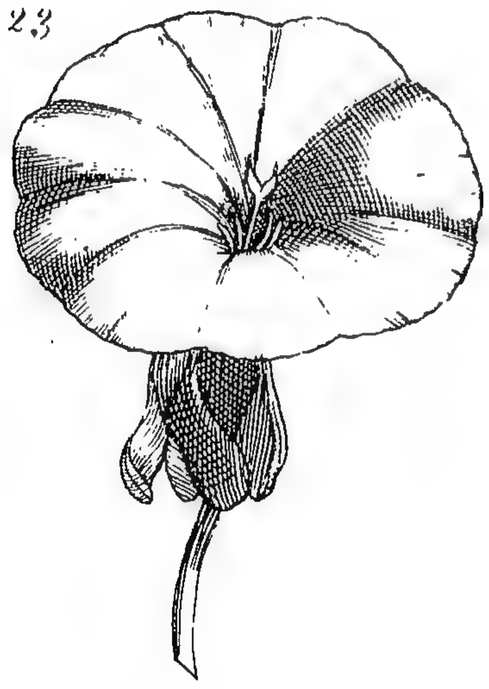

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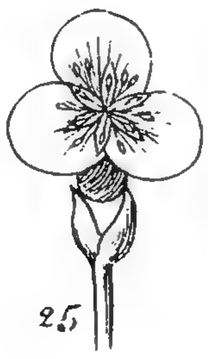

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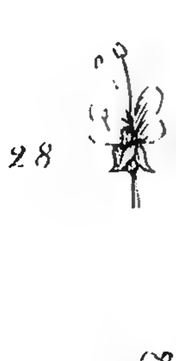

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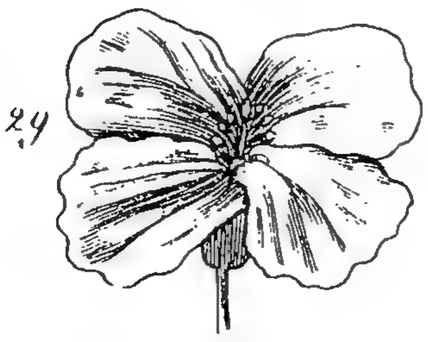

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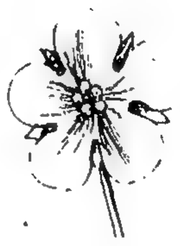

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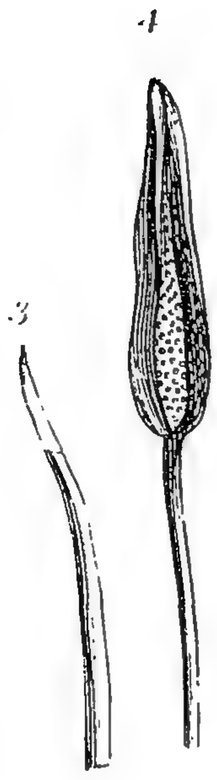

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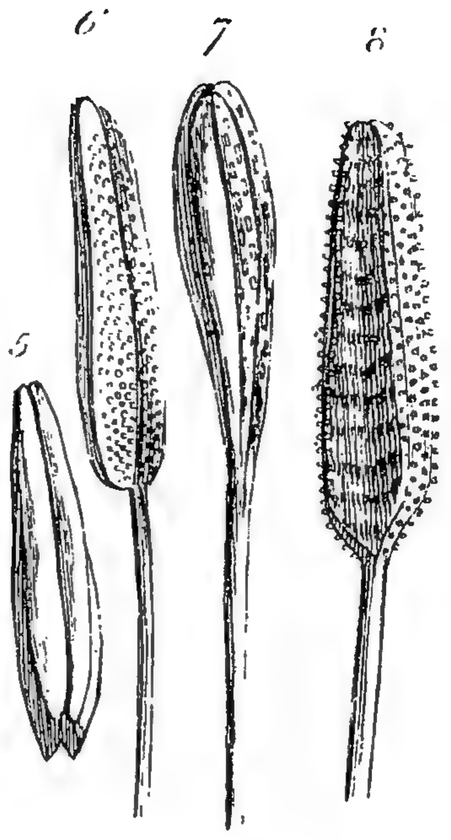

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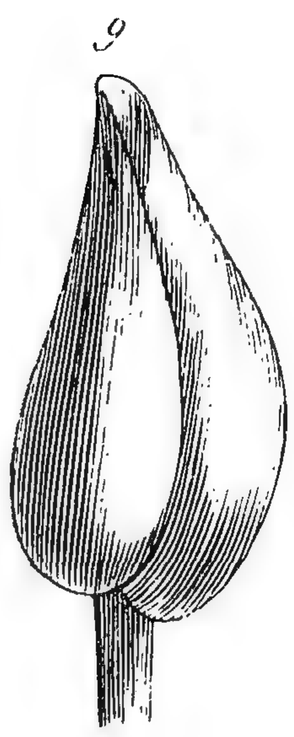
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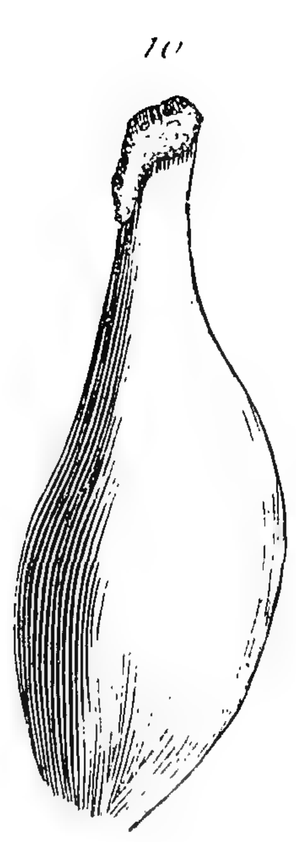

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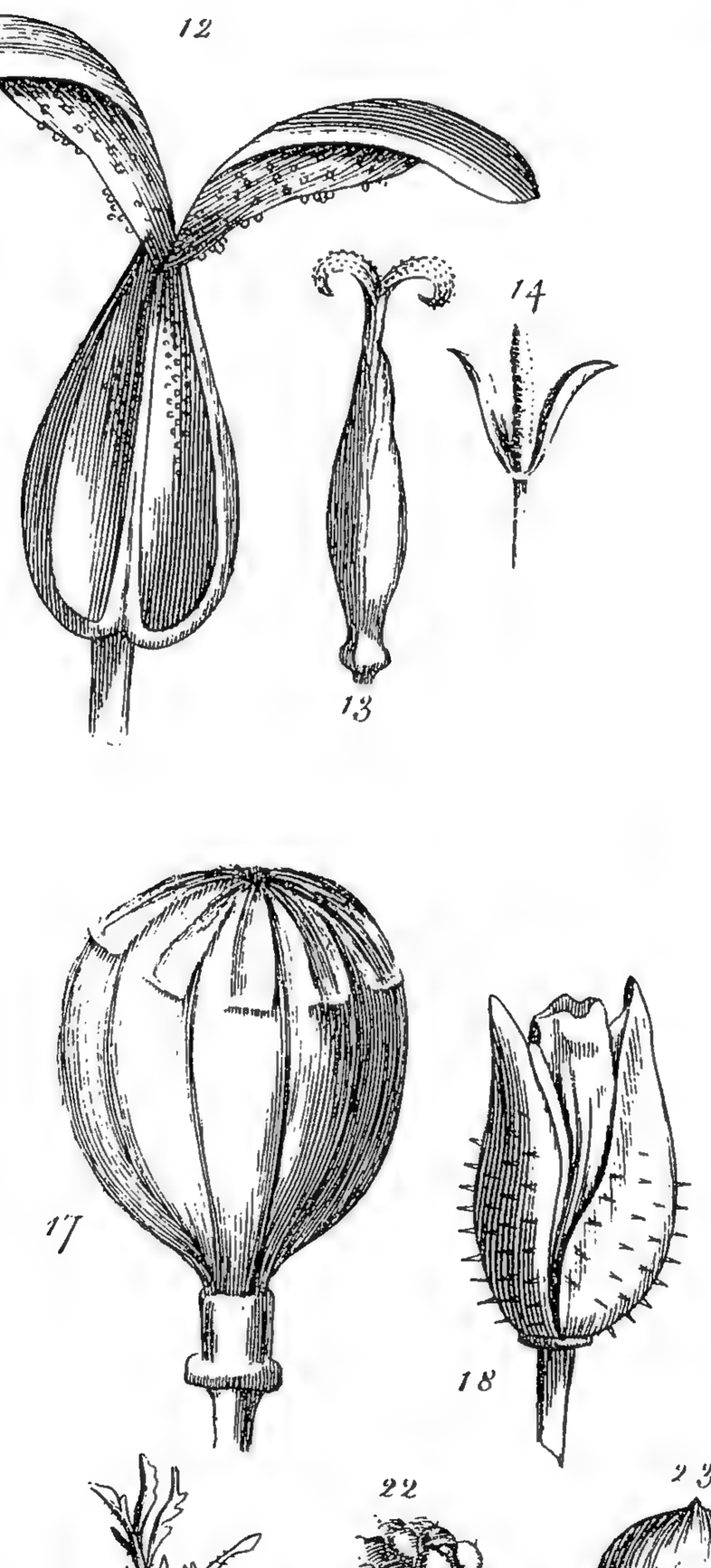

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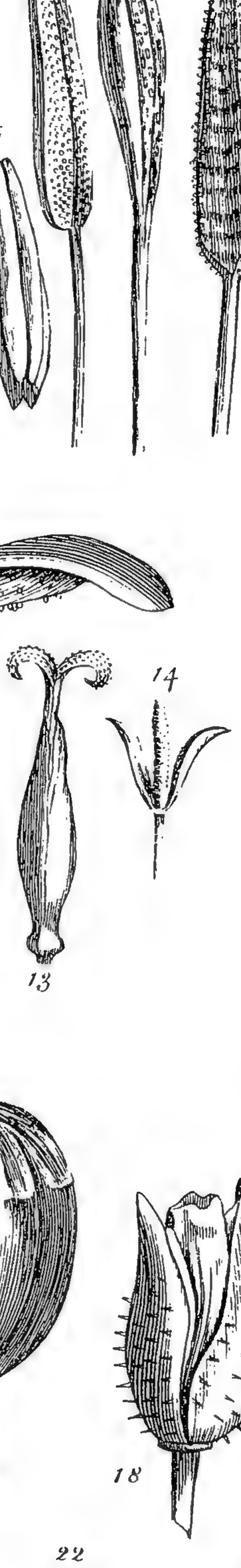

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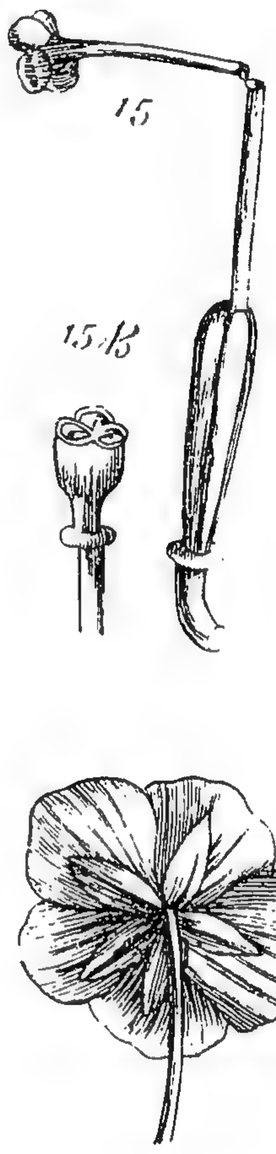

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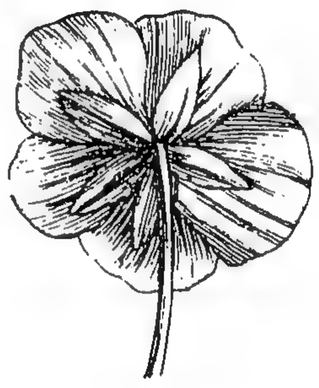

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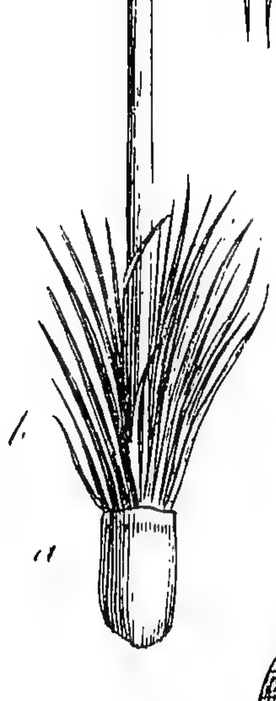

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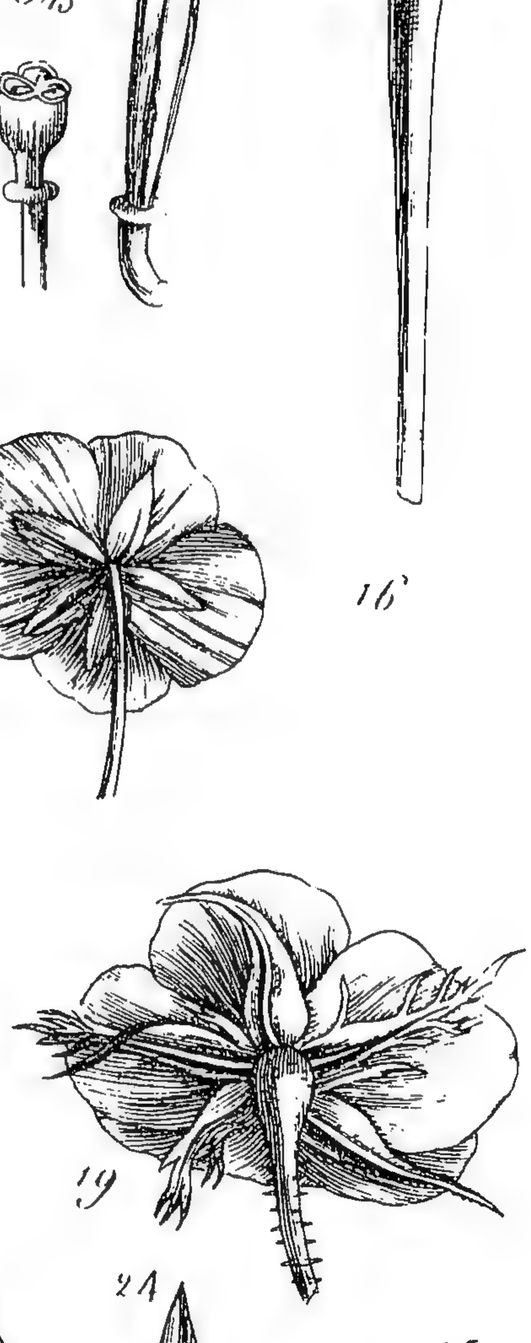

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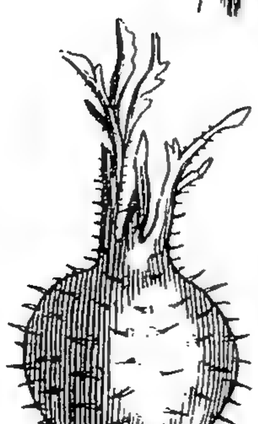

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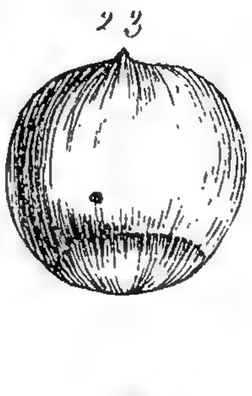
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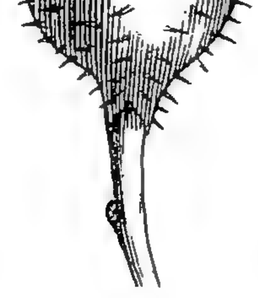

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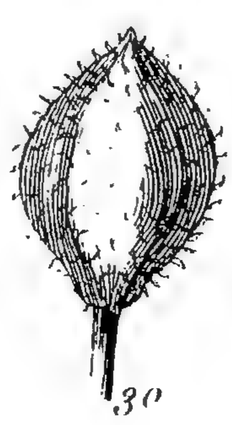

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HERBARIj BRITANNICI Clariſs. D. RAIj Catalogus

Cum ICONIBUS ad Vivum delineatis, & ÆRE incisis; in FOLIO.
Quibus adjunguntur Singulorum Nomina, *summâ cum* Arte *sculptâ, simul cum* Locis *Indigenis,* Tempore *Florendi,* Coloribus *Florum, Notis seu* Annuis, *seu* Perennibus, Vulgaribus, *vel* Raris, *cum* Floribus. *Seminibus, eorumque* Vasculis, *ab ipsis Plantis* Figuratis & *singulis Speciebus annexis*

A JACOBO PETIVER, *Regiæ Societatis Socio &c.* LONDIN.

SECT. I. *Herbæ BRITANICÆ* Flore *Staminео RAY* Hist. *Plant.* 154. Syn. 28. *Edit.* 2. *p.* 52. *MORIS.* 577.

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7. Persicaria *maculosa* ◍. L. Aq. seget. *A.S. Cam. R.* 183. 2.
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9. Persicaria *argentea* ◍. H. Seget. *Y.*
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6. Potamogiton *pennis tenuiss.* ⊙. Fossis. aq.
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6. Atriplex *Graminea marit* ◍. Salsis.
7. Halimus ⊙. *Agger marit. Y.A. R.* 195. 3.
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10. Blitum *polyspermon* ◍. L. Hort. Arvis Fimet. *R.* 196. 2.
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4. Blitum *fol. subrotundo* ◍. L. Ruderibus. *A.S.*
5. Blitum *fol. lucido crasso* ◍. L. *Fimetis &c. A.S. R. Syn.* 64. 5.
6. Blitum *acutiore folio* ◍. L. Ruder. Fimetis *A.S. R.* 197. 9.
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8. Blitum *latiore folio* ◍. L. Fimetis. *A.S.*
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11. Vermicularis *arborescens* ⊙. Maritimis. *R.* 199. 17.
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4. Kali *geniculat. lignosum* ⊙. Maritimis *R.* 211. 1.
5. Anonymus *Lini* folio ⊙. *Mont. Cretaceis Y.A. R.* 399. *c.* 7.
6. Knawel *erectum* ◍. H. Arenos. sterilibus *Y.*
7. Knawel *supinum* ◍. H. Arvis arenosis. *Y. R.* 213. 1.
8. Gramen *Piperinum* '. L. Puteis *Y.A. R.* 1325. *c.* 10.
9. Alchimilla *vulg* ⊙. *. Pratis. Pascuis mont. *R.* 208. 1.
10. Alchimilla *minor* ⊙. Raro. *R.* 202. 2.
11. Alchimilla *argentea* ⊙. Mont. Rupibus *R.* 209. 4.
12. Percepier *Anglorum* *. L. Solo restibili steril ◍. *R.* 209. *c.* 14.

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3. Polygonum *fol. brevi* ◍. L. Glareosis *Y.*
4. Polygonum *fol. angusto* ◍. L. Seget. steril.
5. Polygonum *maritimum* ⊙. Aren. salsis. *R.* 185. 2.
6. Polygonum *fol. circinato.* Maritimis. *Raro.*
7. Polygonum *verticillatum* Pascuis Udis Paluſtr. *R.* 214. 3.
8. Polygonum *Valentinum* Maritimis *R.* 215. 8.
9. Herniaria *glabra* Promont. marit. *R.* 214. 6.
10. Herniaria *hirsuta* ⊙. Arenosis.
11. Erica *maritima*. Arenos & salsis marit *Y.A. R.* 1716. 15.
12. Portulaca *aq. tricoccos* ◍. H. Seget. Udis. Paluſtr. *R.* 1035. 26.

Notæ & Literæ *Explicatæ*.
● . *Planta* Annua. ◒ . *Planta* Biennis.
⊙ . *Planta* Perennis.
* . *Planta Officinalis*. + . *Pl. minor.* Virium.

H. Plantæ *circa Hamsted crescentes*.
I. . *Pl. intra* X Milliaria *LONDIN. nascentes*.
M.I.Y.A. &c. Pl. Mensib. Maij. Junij. Jul. *&c Flor.*
R. Pagina *in quâ* Hist. *RAY* Planta *describitur*.

SECT. II. *PLANTÆ Lactescentes & Pappescentes.*

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2 Pilosella *Cambria RAY 241. 19.*
3 Pilosella *folio longo* L. Fl. luteo.
4 Pilosella *fol. lato.* Aggeribus fossarum. *lut. R. 244. 2.* ⊙.
5 Pilosella *fol longo glabro.* ⊙. Mont. *summit.* lut. *R. 245. 8.*
6 Pilosella *Plukenetij.* ⊙. *I.Y.A.* lut. *R. Syn. 75. 11.*
7 Dens Leonis *vulg.* ⊙. *L. Pascuis *ubique* Apr *M.I.Y. &c. lut. R. 244. (3.*
8 Dens Leonis *angustifolius.* ⊙. L. Muris. Siccis. *M.I.Y. lut. R. S. 76. 2.*
9 Dens Leonis *hirsutus* ⊙. L. Pascuis *&c. Com. M.I.Y.* lut *R. 245. 5.*
10 Dens Leonis *hirsut. minus.* Aggeribus. *I.Y. lut. R. 246.*
11 Dens Leonis *hirsut. ramosus* ⊙. L. Pascuis. *Com. I.Y.A.* lut *R. 230 2.*
12 Dens Leon. *ramos. glaber.* Pascuis. *lut.*

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2 Hieracium *præmors. laciniatum.* ⊙. L. Pascuis *Y.A. lut.*
3 Hieracium *fol. acuto minus.* L. Sepibus *Y.A. lut.*
4 Hieracium *fol. obtuso minus.* ● L. Sepibus *Y.A. lut.*
5 Hieracium *Lactucæ folio.* L. Pascuis *&c. Y.A. lut.*
6 Hieracium *Aphacoides.* ◍ L. Pratis *&c. Y.A. lut. R. 234. 16.*
7 Hieracium *Aphacoid.* acutum. ◍ L. *Pascuis Y.A. lut.*
8 Hieracium *Castor.* odore. ◍ L. *Pascuis &c. Y.A.* lut. *R. 232. 6.*
9 Hieracium *Cichor.* fol. minus. ◍ L. *Pascuis Y.A.* lut.
10 Hieracium *Cichor.* fol. majus. ◍. *Pascuis &c. I.A.* lut *R. 236. 5*
11 Hieracium *asperum* ◍ L. Agror. marginibus *Y.A. lut R. 233 12.*
12 Hieracium *Echioides* ◍ L. Sepibus. Agris *&c. Y.A. lut R. 233 10.*

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2 Pulmonaria *fol. rotundo* ⊙. Rarò. *I.Y. lut. R. S. 74. 6.*
3 Pulmonaria *fol. lato dentato* ⊙. Rarò. *I.Y. lut. R. S. 74. 7.*
4 Pulmonaria *Gallica* ⊙. H. Muris. Sylvis *&c. Y.A. lut. R. 239. 9.*
5 Pulmonaria *Gallica* angustif. ⊙. *Rarò. Y.A.* lut. *R. 240. 11.*
6 Pulmonaria *latif. villosa.* ⊙. Rupibus altis. *Y. lut. R. 239. 8.*
7 Pulmonaria *frut. latif. hirsuta* ⊙. H. Sylvis *Y.A. lut. R. 238. 2*
8 Pulmonaria *frut. longif. hirsuta* ⊙. H. Sylvis. *&c. Y.A. lut*
9 Pulmonaria *frut. longif. glabra* ⊙. Raro *Y.A. lut. R. 238. 1.*
10 Pulmonaria *angustif. hirsuta* ⊙. H. Sylvis. *Y.A. lut. R. 238. 5.*
11 Pulmonaria *angustif. glabra* ⊙. H. Sylvis. *Y.A. lut.*
12 Pulmonaria *Graminea.* ⊙. Raro. *Y.A. lut.*

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2 Sonchus *asper latifol.* ◍. L. Hort. Fimetis. *I.Y. lut R. 225. 7.*
3 Sonchus *angustifolius.* ◍. Rarò. *I.Y. lut.*
4 Sonchus *asper dentatus.* ◍. L. Arvis. incult. *Y.A. lut.*
5 Sonchus *asper laciniatus.* ●. L. Ruderatis *&c. Y.A. lut R. 225. 6.*
6 Sonchus *segetalis major.* ⊙. L. Agger. Cultis. *&c. Y.A. lut R. 226. x4*
7 Sonchus *altissimus.* ⊙. L. Ripis. Fluvior. *Y.A. lut. R. 226. 11.*
8 Sonchus *lævis latifol.* ◍. L. Hortis. Cultis *&c. Y.A. lut R. 244. 2.*
9 Sonchus *lævis laciniatus.* ◍. *L. Hortis *&c. I.Y.A. lut R. 2241*
10 Sonchus *lævis laceratus.* ◍. L. Hortis *&c. I.Y.A. lut.*
11 Cichoreum *sylvestre.* ●. +. L. Semitis. incultis. *Y.A. cær R. 255.*
12 Lampsana. ●. +. L. Hortis, cultis. *I.Y.A. lut R. 256. c. 2.*

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2 Lactuca *Endiviæ fol.* ◍. L. *Agger. saxosis. I.Y.A.* lut *R. 221. 2.*
3 Lactuca *lacerata.* ◍. +. L. Saxosis. sepibus. *Y.A. lut. R. 222. 3.*
4 Lactuca *lacerata. minor.* ●. L. Agger. fossis. *I.Y.A. lut. R. 222. 5.*
5 Lactuca *Hederæ.* fol. ◍. H. *Muris agger. umbros. Y.A.* lut *R. 223. 7.*
6 Tragopogon *angustif.* ◍. H. Pratis. *I.Y. lut. R. 252. 6.*
7 Tragopogon *vulg.* ◍. H. Pratis. Pascuis. *I.Y.* lut. *R. 252. 1.*
8 Tragopogon *purp.* ◍. Rarò. *Hortis. I.Y.* Purp *R. 252. 3.*
9 Hyoseris *segetum.* ●. L. Arenosis. Seget. *I.Y. lut. R. 229. 2.*
10 Carlina *sylv* ●. L. Ericetis. Pascuis. siccis. *Y.A. lut. R. 288. 2.*
11 & 12. Petasites *vulg.* ⊙. *. L. Ripis. humidis. *M. Apr.* carn. *R. 260.*

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2 Conyza *vulg.* ⊙. +. L. Fossis aq. *Y.A. lut. R. 262. 5.*
3 Conyza *minima* L. Stagnis siccis. *Y.A. lut. R. 262. 6.*
4 Conyza *cærulea* ⊙. L. Pascuis sicc. Steril. *Y.A. purp.* dil. *R. 270. 1.*
5 Conyza *palustris.* Fossis aq. Palustr. *I.Y. lut. R. 363. 10.*
6 Conyza *palust. lacerata.* Fossis aq. *&c. I.Y. lut. R. 264. 12.*
7 Virga aurea *latif. serrata.* ⊙. Ripis. *Rarò. Y.A. lut. R. 279. 6.*
8 Virga aurea *angustif. serrata.* ⊙. Fossis. palustr. *rarò.* lut. *R. (280.*
9 Virga aurea *major.* ⊙. Sylvis, Ericet. *rarò.* lut.
10 Virga aurea *vulg.* ⊙. *. H. Ericet. Sylvis *&c. Y.A. lut. R. 278. 1.*
11 Virga aurea *Cambriæ.* ⊙. Pascuis mont. *lut. R. S. 813.*
12 Virga aurea *alba acris.* ●. Muris. Hortis. *A.S. albid. R. 271 4.*

TAB. XVII. *Fig.* 1. Jacobea *vulg.* ⊙. *. L. Vijs incultis. *&c. Com. Y.A. lut.*
2 Jacobea *palustris* ⊙. L. Humidis, udis. *&c. Y.A. lut R. 285. 4.*
3 Jacobea *Senecionis* fol. ⊙. L. *Vepretis. Sepib. Y.A.* lut *R. 285. 2.*
4 Jacobea *Cantabrigiensis* ⊙. Mont. steril. & cretac. *lut. R. 272. 4.*
5 Senecio *vulg.* ●. *. L. Cultis. arvis. Areis *&c. Com. R. 290. 1.*
6 Senecio *incanus.* ●. H. Arenos. agger. *&c. I.Y.A. lut. R. 290. 2.*
7. 8. Tussilago ⊙. *. L. *Aq. & humidis. M. Apr.* lut. *R. 259. 1.*
9 Aster *marit. flavus.* ⊙. Rupibus marit. *lut. R. 268. 11.*
10 Tripolium *majus.* ⊙. +. L. Salsis. marit. *Y.A. purp. R. 270. 20.*
11 Tripolium *minus.* ⊙. Salsis. marit. *Y.A. purp. R. 270. 20.*
12 Tripolium *nudum.* ⊙. Aq. Salsis. *Y.A. lut. R. S. 80. 2.*

TAB. XVIII. *Fig.* 1. Baccaris *Monspel.* ⊙. +. L. *Mont siccis. Vijs Y.A. R. 292*
2 Eupatorium *Cannabinum* ⊙. +. L. Ripis rivul. stagn. *Y.A. carn. R. 293*
3 Gnaphalium *Americanum* ⊙ Rarò. *Y.A. alb. R. 284. 15.*
4 Gnaphalium *Montanum* ⊙. Ericetis. mont. *Y.A. R. 283. 12.*
5 Gnaphalium *Iersecianum* ◍. Muris. agger. *albid. R. 284. 17.*
6 Gnaphalium *Anglicum* ◍. H. Pascuis arenos. *Y.A. R. 295. 13.*
7 Gnaphalium *fol. longo* ●. +. L. Stagnis siccis *&c. Com. Y.A. R. (295. 5.*
8 Gnaphalium *Germanicum* Arenosis *&c. rarò.*
9 Gnaphalium *proliferum* ●. +. L. *Vijs* siccis. steril. *Com. Y.A.*
10 Gnaphalium *prolifer.* minus ●. *Sterilibus. siccis. Y.A.*
11 Gnaphalium *minimum* ●. H. Seget. aren. siccis. *Y.A. R. 296. 6.*
12 Gnaphalium *Gramineum* ●. Seget. arenos. *Y.A. R. S. 85. 5.*

SECT. III. *HERBÆ Corymbiferæ, Nudæ Capitatæ & Nodifloræ.*

TAB. XIX. *Fig.* 1. Bellis *major* ⊙. +. L. Pratis. seget. *I.Y. alb R. 350*
2 Bellis *minor* ⊙. *. L. Pratis, pascuis *Com. Æstate tota. alb R. 349*
3 Ptarmica ⊙. +. H. *Pratis udis. Y.A.* alb. *R. 344. 1.*
4 Millefolium *vulg.* ⊙. *. L. Pascuis. *Com. I.Y.A.* alb *s.* purp *R. 345*
5 Matricaria ⊙. *. L. Sepibus, rudetis. *Y.A. alb. R. 357. 1.*
6 Chrysanthemum *segetum.* ◍. L. Seget *Y.A. lut. R. 339. 3.*
7 Buphthalmum *luteum* ⊙. +. Ripis aq. *rarò. Y.A.* lut *R. 341. 9.*
8 Buphthalmum *album* ◒. L. Pratis *&c. M.I. alb.*
9 Chamæmelum *amarum* ◍. +. L. Cultis. Seget. *alb. R. 355. 2.*
10 Chamæmelum *odoratum* ⊙ *. L. Pascuis udis *Y.A. S. alb R. 353*
11 Cotula *fœtida* ◍. +. L. Seget. cultis. *alb. R. 355. 3.*
12 Cotula *inodora* ◍. +. L. Agris. cultis. *alb. R. 355.*

TAB. XX. *Fig.* 1. Absinthium *vulg* ⊙ *. L. Incult. vijs *Com. A. S.*
2 Absinth *marin* Anglicum ⊙ * *Maritimus. Y.A. S. R. 370. 16.*
3 Absinth *marin* Gallicum ⊙. +. *Maritimis Y.A. S. R. 370. 15.*
4 Abrotanum *campestre* ⊙. Steril. vijs *rarò. Y.A. R. 370. 4.*
5 Arthemisia ⊙. *. L. *Sepes. Agror. Marg. I.Y.A. R. 372. 1.*
6 Bidens *fol. integro* ◍. +. L. Stagnis aq. *A. S. lut. R. 361. 2.*
7 Bidens *fol. trifido* ◍. +. L. Stagnis aq. *A. S. lut. R. 360. 1.*
8 Cotonaria *marina* ⊙ Aren. marit. *rarò. lut. R. 294 1.*
9 Tanacetum *vulg.* ⊙. *. L. Agr. marg. Vijs. *A. S. lut. R. 365. 1.*
10 Tanacetum *crispum* ⊙. +. Hortis *&c. A. S. lut. R. 365. 2.*
11 Agrimonja ⊙. *. L. *Pascuis. Sepib. &c. Y.A.* lut *R. 400. 1.*
12 Circæa *major* ⊙. L. Sylv. Sepib. umbrosis *Y.A. alb R. 401.*

TAB. XXI. *Fig.* 1. Carduus *Moschatus* ◍. L. Agris *saxos. Y.A. R. 308*
2 Carduus *Crispus* ◍. L. Sepes. Vepres *Y.A. R. 309. 2.*
3 Carduus *Acanthoides* ◍. L. Agger ruder. *I.Y. R. 309. 3.*
4 Carduus *palustr.* ◍. H. Udis. palust. *A.S. R. 309. 4.*
5 Carduus *vulgatiss.* ⊙. L. Vijs arvis *&c. Com. Y.A. R. 310. 8.*
6 Carduus *acaulis min.* ⊙. L. Mont. sicc. *Y.A. R. 310. 6.*
7 Carduus *lanceatus* ◍. L. Sepib. incult. *Com. Y.A. R. 310. 1.*
8 Card. *Eriocephalus* ◍. Camp & mont. *rarò. Y.A. R. 311. 3.*
9 Carduus *Mariæ* ◍. *. L. Agger. marg. agror. *Y.A. R. 312. 1.*
10 Carduus *tomentos.* ◍. +. L. Vijs. incult. *Com. Y.A. R. 313. 1.*
11 Carduus *stellat.* ◍. +. L. Vijs publicis *A. S. R. 317. 1.*
12 Carduus *Solstitialis.* ●. Sepes. *rarò. A.* lut. *R. 317. 4.*

TAB. XXII. *Fig.* 1. Cirsium *palustre.* ⊙. L. Pratis udis *Y.A. R. 306.*
2 Cirsium *montanum* ⊙. Mont. *Eborac. &c. Y.A. R. 306. 8.*
3 Carthamus *Offic.* ●. *. Agris seritur *Y.A. croc. R. 302. 1.*
4 Cyanus *Segetum* ●. *. L. Seget. *Y.A. cærul. R. 321. 1.*
5 Serratula *fol. integro.* ⊙. H. Sylvis *Y.A. purp.*
6 Serratula *vulg.* ⊙. Sylvis *prat. Y.A. R. 331. c. 16.*
7 Iacea *major vulg.* ⊙. L. Seget. *I.Y. purp. R. 325. 11.*
8 Iacea *nigra vulg.* ⊙. +. L. Pascuis. *Com. I.Y.A. R. 325. 12.*
9 Iacea *nigra lacin.* ⊙. +. L. Pascuis. *I.Y. purp.*
10 Scabiosa *Offic.* ⊙. *. L. Seget. pascuis. *I.Y. Carn. R. 374. 2.*
11 Scabiosa *minor* ⊙. Pascuis mont. sicc. *Y.A. R. 374. 3.*
12 Succisa *Offic.* ⊙. * H. Prat. pascuis *A. S. cær. R. 380. 21.*

TAB. XXIII. *Fig.* 1. Bardana *vulg.* ◒. *. L. Vijs *&c. Com. Y.A. R. 332. 1.*
2 Bardana *Rosea* ◒. L. Incultis. *Y.A. R. 332.*
3 Bardana *capite minore* ◒. L. Ruderatis *Y.A.*
4 Bardana *cap. minore incano* ◒. L. Vijs ruder. *Y.A.*
5 Bardana *cap. majore incano* ◒. L. Incultis. *Y.A.*
6 Bardana *cap. araneoso.* ◒. Montanis *&c. Y.A. R. 332. 2.*
7 Dipsacus *sativus* ◍. +. Agris seritur. *I.Y. R. 382. 1.*
8 Dipsacus *Sylv.* ◍. +. L. Humid. incultis. *Y.A. R. 382. 2.*
9 Dipsacus *minor* ◍. L. Rivulis. *aq. Y.A. R. 382. 4.*
10 Eryngium *marinum* ⊙. *. L. marit. aren. *Y.A. R. 384. 3.*
11 Eryngium *campestre* ⊙. Rarò. *A. S. pall. R. 384. 1.*
12 Sanicula *Offic.* ⊙. *. L. Sylvis. Sepibus *M.I. alb. R. 475. 14.*

SECT. IV. *HERBÆ* Umbelliferæ *Ray 387.*

TAB. XXIV. 1. Sphondylium *vulg.* ◍. +. L. Pascuis humid *Y.A.*
2 Sphondylium *laciniatum* ◍. Pascuis. *Y.A. alb. R. 408. 2.*
3 Pastinæa *sativa* ◒. +. Hort. & Agris seritur *Y.A. alb. R. 410. 2.*
4 Elaphoboscum ◍. L. *R. 409. 1.*
5 Tordylium *majus* Rarò *Y.A. alb. R. 411. 1.*
6 Tordylium *minus* ◍. Rarò *Y.A. albic. R. 412. 2.*

7 Peucedanum *vulg.* ⊙ +.Palustr. marit *A. flavesc R. 416. 1.*
8 Crithmum *marinum* ⊙.+.Clivis marit *A. S. flavesc R. 457. 2.*
9 Angelica *sativa* ●.*.Hortis &c. *Y.A. alb. R. 434. 1.*
10 Angelica *aq.* ●.H.Ad. rivul. & aq. *Y.A. alb. R. 434. 2.*
11 Coriandrum *Offic.* ●.*.Agris seritur. *R. 470.*
12 Hipposelinum ⊙.*.Rup marit. *I.Y. albesc. R. 437. 1.*
TAB. XXV. Fig. 1. Scandix *vulg.* ●.L. Seget. *M.I. alb. R. 428. 1.*
2 Cicutaria *vulg.* ⊙.L.Pomarijs Sepibus. *Com. A.M. alb R. 429. 1.*
3 Cerefolium *sylv.* ●.L. Sepibus *Y.A. alb R. 431. 6.*
4 Meum *Offic.* ⊙.*.Pratis *Boreal Y.A.* alb. *R. 432. 1.*
5 Oenanthe *aq. major.* ⊙.L.Pratis udis *R. 441. 1.*
6 Oenanthe *aq. minor.* ⊙.L.Pratis udis *R. 441. 2.*
7 Oenanthe *Cicutæ* facie. ⊙.L. *Rivulis R. 441. 4.*
8 Oenanthe *Staphylini* folio. ⊙. *Rarò. R. 442. 6.*
9 Bulbocastanum ⊙.+.H.Pascuis aren. *Y.A. alb. R. 440. 1.*
10 Podagraria ⊙.+.L. *Sepib. Hort. alb R. 435. 4.*
11 Amomum *Offic* ●.*.L.Fossis lutosis. *Y.A. alb. R. 443. 3.*
12 Selinum *segetale* ●.+.L.Humid. Seget. *alb. R. 443. 4.*
TAB. XXVI. Fig. 1. Sium *max. latifol.* ⊙.L.Fluvijs *Y.A. alb R. 443.*
2 Sium *angustifol.* ⊙.L. Rivulis *Y.A. alb. R. 444. 4.*
3 Sium *repens.* Fossis aq. *I.Y. alb. R. 444. 5.*
4 Sium *minimum* ⊙.L. Stagnis aq. *M.I. alb. R. 444. 6.*
5 Saxifraga *major.* ⊙ Sylvis. *Y.A. alb R. 445. 1.*
6 Saxifraga *maj. laciniata.* ⊙ Sylvis *Y.A. alb.*
7 Saxifraga *minor* ⊙.H.Pascuis siccis *Y.A. alb. R. 445. 3.*
8 Saxifraga *minor laciniata* ⊙.H. Pascuis sicc. *R. 445. 4.*
9 Saxifraga *Cornubiæ* ⊙. Rarò.
10 Carui *Offic.* ●.*.Pratis palustr. *I.Y. carn. R. 446. 1.*
11 Apium *Scoticum* ⊙. Saxis marit. *alb. R. 447. 1.*
12 Apium *Offic.* ●.*.L. Udis. fossis marit. *A.S. alb. R. 447. 2.*
TAB. XXVII. 1. Fœniculum *vulg.* ⊙.*.L. Clivis marit *R. 457. 1.*
2 Peucedanum *minus.* ●. Rupibus. *Rarò.* alb. *R. 460. 5.*
3 Apium *petræum* ⊙.Montosis. *rarò.* alb. *R. 463. 5.*
4 Carota *sativa* ●.*.L. Agris *seritur.* alb. *R. 465. 1.*
5 Daucus *sylv.* ●.*.L. Pascuis. *Y.A. alb. R. 465. 2.*
6 Echinophora. *latifolia.* ●. Seget. *purp. R. 468. 5.*
7 Echinophora *laciniata.* ●. Seget. *rarò.* purp.
8 Echinophora *tenuifolia* ●.L. Seget. *R. 467. 3.*
9 Anthriscus *vulg.* ●.H. Dumet. Sepes *Y.A. rub R. 468. 6.*
10 Anthriscus *minor* ●.L. Seges *Y.A. alb. R. 468. 7.*
11 Caucalis *nodosa* ●.L. Agger. agror. *R. 468.*
12 Caucalis *tenuifolia* ●.L. Ruder. agger. *AM. R. 469. 9.*
TAB. XXVIII. Fig. 1. Cicuta *aq.* ⊙.Rivul. stagnis *R. 450. 1.*
2 Cicuta *vulg.* ●.*.L. Agger. &c. *Com. Y.A.* alb. *R. 451. 2.*
3 Cicuta *minor* ●.L. Hort. arvis. *Y.A. alb. R. 451. 3.*
4 Cicutaria *aq.* ⊙.L. Aq. cœnosis. *alb. Y.A. R. 452. 6.*
5 Seseli *pratense* ⊙.*.H. Pratis udis *Y.A. lut. R. 453. 1.*
6 Crithmum *marinum* ⊙.Clivis marit. *R. 469. 1.*
7 Bupleurum *minimum* ●.Palustr. *R. 474. 4.*
8 Perfoliata *vulg.* ●.L. Seget. *R. 471.*

SECT. V. *HERBÆ* Asperifoliæ *RAY* 493.

9 Borrago *Hort.* ●.*.Hort. Muris *R. 493.*
10 Buglossum *sylv. minus.* ●.L. Arvis. *R. 494. 3.*
11 Cynoglossum *vulg.* ●.*.L. Ruder. *R. 489. 1.*
12 Cynoglossum *fol virenti* ●.L. Vijs publ. *R. 491. 8.*
TAB. XXIX. 1. Echium *Vulg.* ●.L. *Vijs.* Arvis.
2 Echium *fl. minore* ●. Muris *R. S. 119.*
3 Buglossum *marinum* ●. Maritimis *R. 500. 13.*
4 Pulmonaria *fol.* Echij ⊙. *Sylvis. Rarò R. 485. 3.*
5 Symphytum *majus.* ⊙.*.L. Rivis fossis aq. *R. 505. 1.*
6 Lithospermum *purp.* ⊙. Rarò. *R. 503. 2.*
7 Lithospermum *vulg.* ⊙.*.L. Dumetis. *R. 503. 1.*
8 Lithospermum *arvense* ●.L. Seget. *R. 503. 5.*
9 Echium *Scorpioides* aq. ⊙.L. *Fossis. aq. R. 504. 3.*
10 Echium *Scorpioides* arvens. ●.L. *Arvis. Hortis. R. 504. 1.*
11 Echium *Scorp:* minus. ●.L. *Ripis sicc. &c. R. 504. 2.*
12 Asperugo ⊙ *Rarò. R. 502. c. 8.*

SECT. VI. *HERBÆ* Stellatæ *RAY* 477.

TAB XXX. *1.* Cruciata *hirsuta.* ⊙.H. Dumet. *R. 479. 1.*
2 Rubia *Sativa* ⊙.*. Hort. & Agris. *Seritur. R. 408. 1.*
3 Rubia *sylv.* ⊙. Rupibus. *R. 408. 2.*
4 Mollugo *vulg.* ⊙.L. Dumet. Sepib. *R. 481. 1.*
5 Gallium *album.* ⊙.L. Udis. *R. 481. 3.*
6 Gallium *alb. minus.* . Mont. & Udis. *R. 482. 4.*
7 Rubia *erecta 4 trifolia.* Mont. Rarò. *R. 478. 1.*
8 Gallium *luteum* ⊙.*.L. Pascuis sicc. *R. 482. 1.*
9 Asperula ⊙.+.H. *Sylvis. R. 483. 1.*
10 Rubeola *repens cærul.* ●.L. Arvis. *R. 483. 3.*
11 Aparine *Offic.* ●.*.L. Sepib. *Com. R. 484. 1.*
12 Rubia *Cynanchica.* ⊙. L. Collib. cretaceis. *R. 485. c. 9.*

SECT. VII. *Plantæ Verticillatæ. RAY.* 508.

TAB. XXXI. 1. Serpyllum *vulg.* ⊙.*.L. Pasc. sicc. *R. 521. 4.*
2 Serpyllum *fl. amplo* ⊙. Mont. *R. S. 122. 2.*
3 Serpyllum *latifol.* ⊙. *R. 521. 2.*
4 Serpyllum *Citratum.* ⊙. Mont. *R. 522. 2.*
5 Mentha *aq. verticillata* ⊙.L. Udis. *R. 530. 10.*
6 Mentha *aq. vulg.* ⊙.L. Rivis. *R. 533. 12.*
7 Mentha *fusca.* ⊙. Hort. &c. *R. 530. 2.*
8 Mentha *crispa.* ⊙. Rivis. *R. 531. 3.*
9 Mentha Piperata *lata R. 532. 7.*
10 Mentha *Piperata acuta R. S. 124. 5.*
11 Mentastrum *longifol.* ⊙. Riguis. *R. 532. 9.*
12 Mentastrum *rotundifol.* ⊙. Udis. *R. 532. 7.*
TAB. XXXII. 1. Nepeta *Offic.* ⊙.*.L. Sepes. *R. 548. 1.*
2 Pulegium *Offic.* ⊙.*.L. Palustr. *R. 533. 1.*
3 Prasium *Offic.* ⊙.*.L. Vijs, ruder. *R. 556. 1.*
4 Ballote *Dioscor.* ⊙.+.L. Sepes. ruder. *R. 571. 1.*
5 Marubium *aq.* ⊙.L. Rivis. *R. 535. 1.*
6 Betonica *Offic.* ⊙.*.H. Sylvis. *R. 550. 1.*
7 Galeopsis *vera.* ⊙.L. *R. 548.*
8 Horminum *sylv.* ●.+.L. Glareosis. *R. 545. 12.*
9 Clinopodium *majus.* ⊙.L. Vepret. *R. 558. 17.*
10 Clinopodium *minus.* ●.L. Mont. cret. *R. 553. 1.*
11 Prunella *Offic.* ⊙.*.L. Pascuis. *R. 551. 1.*
12 Stachys *vulg.* ●. Rarò. *R. 554. 1.*
TAB. XXXIII. 1. Hedera *terrestris.* ⊙.*.L. Sepes. *R. 567. 1.*
2 Lamium *rubrum.* ●.*.L. *R. 559. 3.* Com.
3 Lamium *rubrum fol. incisis.* ●.L. Requietis. *R. 560. 6.*
4 Lamium *perfol.* majus. ●.L. *Hort. Arvis. R. 560. 10.*
5 Lamium *album.* ⊙.*.L. Sepib. dumet. *R. 559. 1. Com.*
6 Lamium *luteum.* ⊙.H. Sylvis. umbros. *R. 560. 11.*
7 Melissophyllon. ⊙. *Sylvis.* rarò. *R. 561. 13.*
8 Lamium *Cannab.* vulg. ●.L. *Arvis. R. 561. 13.*
9 Sideritis *aq.* ⊙.+.L. Fluvijs. *R. 563. 3.*
10 Sideritis *lutea.* ●. Seget *rarò. R. 566. 15.*
11 Sideritis *angustifol.* ●.L. Seget. *R. 566. 16.*
12 Sideritis *fol. subrotundo.* ●.L. Seget. *R. 565. 12.*
TAB. XXXIV. 1. Calamintha *Offic.* ⊙.*.L. Vijs. Fossis. *R. 569. 1.*
2 Calamintha *odore* Pulegij. ⊙.+.L. Vijs. *agger. R. 569. 2.*
3 Bugula *vulg.* ⊙.*.L. Sylvis. Pratis udis. *R. 575. 1.*
4 Bugula. *Alpina* ⊙. Montosis. *Rarò. R. 575. 2.*
5 Cardiaca ⊙.*. *Fimetis. R. 571. 1.*
6 Scordium *Offic.* ⊙.*. Palustribus. *R. 576. 1.*
7 Scorodonia ⊙.+.H. *Dumetis. Sylvis. R. 576. c. 29.*
8 Origanum *vulg.* ⊙.*.L. Sepes. Dumet. *R. 539. 4.*
9 Chamæpytis *vulg.* ●.*. Agris. reptil. *R. 573. 1.*
10 Cassida *vulg.* ⊙.L. Fossis. aq. *R. 572. 1.*
11 Cassida *minor.* ⊙.H. Palustribus. *R. 574. 2.*
12 Uerbena. *vulg.* ⊙.* Vijs. public. *R. 535. 1.*

SECT. VIII. *HERBÆ.* Nasiflorae. *RAY.* 751.

TAB. XXXV. 1. Antirrhinum *minimum.* ●.L. Cultis. *R. 760. 37.*
2 Antirrhinum *medium.* ●.L. Arvis. *R. 760. 31.*
3 Elatine *fol. angulos.* ●.+.L. Seget. *R. 759. 35.*
4 Elatine *fol. rotundo.* ●.*.L. Seget. *R. 759. 34.*
5 Linaria *vulg.* ⊙.×.L. Pasc. steril. *R. 752. 1.*
6 Linaria *odorata* ⊙ Sepibus *Rarò R. 756. 20.*
7 Pinguicula ⊙. *Uliginosis. R. 751. 1.*
8 Digitalis *purp.* ⊙.×.L. Arenosis *R. 767. 1.*
9 Scrophularia *vulg.* ⊙.*.L. Dumet. Sepib. *R. 764. 3.*
10 Scrophularia *aq.* ⊙.×.L. Fossis aq. *R. 764. 1.*
11 Scrophularia *Scorodoniæ* fol. ⊙. *Ripis aq. R. 766. 11.*
12 Hyoscyamus *vulg.* ●.*.L. Ruder. *R. 711. 1.*
TAB. XXXVI. 1. Balsamina *lutea* ●. Ripis aq. *rarò. R. 1328. c. 5.*
2 Pedicularis *lutea* ●.L. Pascuis. *R. 760. 1.*
3 Pedicularis *rubra elatior* ●.L. Aquosis *R. 770. 6.*
4 Pedicularis *rubra vulg.* ●.H. Ericetis udis. *R. 770. 5.*
5 Euphrasia *Offic.* ●.*.L. Pascuis. *R. 771. 1.*
6 Euphrasia *major lutea* ●. Uliginos. *rarò R. 772. 4.*
7 Euphrasia *pratens. rubra* ●.H. Prat. Seget. *R. 772. 3.*
8 Euphrasia *Ortonensis* Udis *rarò R. 773. 5.*
9 Melampyrum *luteum* ●.H. Dumet. *R. 775. 4.*
10 Melampyrum *cristatum* ●. Sylvis *R. 775. 5.*

11 Lentibularia *major* ⊙ Fossis aq. *R.1332.2.*
12 Lentibularia *minor* ⊙ Fossis aq. *R.S.279.3.*
TAB.XXXVII. 1. Viola *purp.* ⊙ ✱ L. *Hort. R.1049.1. M. Apr.*
2 Viola *fl. pleno* ⊙ Hort. *Sylvis* rarò.
3 Viola *alba* ⊙. Sepes aggcr. *R.1050.2.*
4 Viola *sylv.* ⊙. H. Dumet. Sepes *R.1050.3.*
5 Viola *aq. rotundi fol.* ⊙. Udis Muscosis *R.1050.4.*
6 Viola *rot. lutea* ⊙. Cambria.
7 Viola *hirsuta major* ⊙. Dumet. *R.1051.5.*
8 Viola *tricolor* ◒ + Hort. *Seget. R.1052.2.*
9 Viola *bicolor.* ◒ L. Seget *R.1053.7.*
10 Viola *lacin. lutea* ⊙ Montudis. *R.1052.5.*
11 Reseda *vulg.* ● Arvis Cret *R.1053.2.*
12 Luteola ◒ L. *Muris. ruder. R.1054.8.*

HERBÆ Sem *echinato & stellato RAY. 578.* SECT. IX.
TAB.XXXVIII. 1. Chelidonium *minus* ⊙ ✱ L. Udis *R.579.*
2 Ranunculus *dulcis* ⊙ H. Dumet. *R.584.1.*
3 Ranunculus *prat. erectus* ⊙ L. Pratis. *Com. R.383.7.*
4 Ranunculus *bulbosus* ⊙ L. Pascuis. *Com. R.381.2.*
5 Ranunculus *erect. pallidus* ● Udis *R.382.4.*
6 Ranunculus *trifidus* ● Agger
7 Ranunculus *repens vulg.* ⊙ L. Pratis udis *R.581.1.*
8 Ranunculus *repens major.* ⊙ L. Fluv. ripis.
9 Ranunculus *hirsut. fl. minimo* ● L. Arvis *R.583.10.*
10 Ranunculus *echinatus arvensis* ● L. Seget. *R.585.1.*
11 Ranunculus *palustr. lævis* ● L. Aq. *Com. R.585.1.*
12 Ranunculus *alb. Hederaceus* ⊙ Vadosis

TAB.XXXIX. 1. Ranunculus *aq. fol. varijs* ⊙ L. *Stagnis R.586.3.*
2 Ranunculus *aq. tenuifol.* ⊙ L. Stagnis *R.586.4.*
3 Ranunculus *aq. cornutus* ⊙ L. Aq. cænosis. *R.S.136.5.*
4 Ranunculus *aq. fol. Fœniculi* ⊙ Fluvijs *R.586.6.*
5 Ranunculus *flamēus major* ⊙ L. Vadosis *R.587.8.*
6 Ranunculus *flamēus minor* ⊙ L. Uliginēs *R.587.7.*
7 Cauda Muris ● L. Arvis udis *R.1332.c.5.*
8 Flos Adonis ● *Seget. R.596.1.*
9 Malva *Offic* ⊙ ✱ L. Sepes. ruder. *R.599.1.*
10 Malva *minor.* ⊙ L. Semit. ruder. *R.599.2.*
11 Althea *Offic:* ⊙ ✱ Maritimis *R.602.1.*
12 Acea *vulg.* ⊙ L. Uepret. Sepes *R.604.1.*
TAB.XL. 1. Caryophyllata *vulg.* ⊙ ✱ L. Dumet. *R.606.1.*
2 Caryophyllata *fl. majore* ⊙. Sylvis *R.606.2.*
3 Caryophyllata *mont. purp.* ⊙ Montosis *R.607.3.*
4 Caryophyllata *mont prolifera* ⊙ Rarò *R.607.4.*
5 Caryophyllata *pentaphyllea* ⊙. Scotiā. *R.608.10.*
6 Caryophyllata *fol.* Chamædryos ⊙. *Montosis. R.608.11.*
7 Fragraria *vulg.* ⊙ ✱ H. Dumetis *R.609.1.*
8 Fragraria *sterilis* ⊙ L. Steril: pascuis. *R.611.2.*
9 Ranunculus *nem. albus* ⊙ H. Udis. dumet. *R.624.1.*
10 Pulsatilla *fl. clauso.* ⊙ Ericetis. *R.634.2.*
11 Viorna. ⊙ L. Sepibus *R.620.1.*
12 Viorna *fol. integro* ⊙ L. Sepibus.
TAB.XLI. 1. Pentaphyllum *rubr. palustre* ⊙. *R.611.1.*
2 Pentaphyllum *villosum Palustre R.S.141.2.*
3 Pentaphyllum *vulgare* ⊙ + L. Semitis. *R.611.2.*
4 Pentaphyllum *minus hirsutum* ⊙ Pascuis *Rarò R.S.142.4.*
5 Pentaphyllum *argenteum* ⊙ L. Pasc: arenos *R.613.14.*
6 Pentaphylloides *fragiferum* ⊙ Montos. *Rarò. R.616.1.*
7 Pentaphylloides *Scoticum.* ⊙. Sylvis *rarò R.S.142.4.*
8 Pentaphylloides *Eboracense* ⊙ Fluv: ripis *R.616.5.*
9 Tormentilla *vulg.* ⊙ ✱ H. Dumet. &c: *R.617.1.*
10 Tormentilla *reptans* ⊙. Arvis. Sylvis *R.618.3.*
11 Argentina ⊙ + L. *Udis. R.617.c.16.*
12 Moscatellina ⊙ L. *Umbrosis. 684.c.27.*
TAB.XLII. 1. Telephium *vulg* ⊙ ✱ L. Umbros. *R.689.1.*
2 Rhodia *radix* ⊙. Montos. *R.690.7.*
3 Cotyledon *vulg.* ⊙ ✱. Saxis &c. *R.1878.1.*
4 Sedum *majus* ⊙ ✱ L. Tectis *R.687.2.*
5 Sedum *luteum minus* ⊙ L. Tectis *R.691.2.*
6 Sedum *lut. scorpoides.* ⊙ L. Tectis. *R.691.3.*
7 Sedum *palustre purp.* ● Mont. *humid. R.691.4.*
8 Sedum *minus* Vicentij ⊙. *Rupibus R.S.152.3.*
9 Illecebra *lutea* ⊙ L. Tectis *R.1041.12.*
10 Illecebra *alba mitis* ⊙ Rupes *R.1041.14.*
11 Helleborus *fl. viridi* ⊙ Rarò. *R.697.2.*
12 Helleborus *niger vulg.* ⊙. Sepes rarò. *R.698.3.*
TAB.XLIII. 1 Caltha *Palustris* ⊙ L. *Aq: R.700.c.9.*
2 Ranunculus *globosus.* ⊙ Mont. *R.700.1.*
3 Juncus *floridus* ⊙ L. Fossis *limosis. R.701.*
4 Aquilegia *sylv.* ⊙ Dumetis *R.706.1.*
5 Damasonium *stellatum* ⊙ L. Stagnis *R.701.*
6 Plantago *aq: latifol.* ⊙ L. Stagnis *aq. R.618.1.*
7 Plantago *aq: longifol.* ⊙ L. Stagnis &c.
8 Plantago *aq: minor* ⊙ L. Stagnis. *R.618.2.*
9 Sagitta *Graminea* ⊙ L. Fluvijs *R.S.619.*
10 Sagitta *latifolia* ⊙ L. Rivul. *R.619.1.*
11 Sagitta *angustifol.* ⊙ L. *R.619.3.*
12 Sagitta *minor* ⊙ L. Fluvijs.

Sect. X. Herbæ Bacciferæ *Ray 652.*

TAB.XLIV. 1. Bryonia *alba* ⊙ ✱ L. Sepes *R.659.1.*
2 Bryonia *nigra* ⊙ + L. Dumet. *R.660.2.*
3 Christophoriana ⊙. Sylvis *rarò R.662.1.*
4 Ruscus ⊙ ✱. H. Dumet. *R.664.*
5 Polygonatum *vulg.* ⊙ ✱. Sylv. umbros. *R.664.1.*
6 Polygonatum *fl. maj.* ⊙. Rupes. Sylv. *R.664.3.*
7 Lilium *Convallium* ⊙ ✱ H. *Sylv. umbros. R.667.1.*
8 Herba Paris ⊙ +. Sylv. *umbros. R.670.1.*
9 Dulcamara ⊙ ✱ L. Aquos *R.672.1.*
10 Solanum *Hort.* ● ✱ L. Fimetis *R.672.2.*
11 Solanum *lethale* ⊙. Sepes. *ruder. R.679.1.*
12 Asparagus *Hort.* ⊙ ✱. Prat. marit. *R.683.1.*

Sect. XI Herbæ *flore tetrapetalo R.782.1.*

TAB.XLV. 1. Alliaria ◒ ✱ L. *Agger fossar. R.792.* alb.
2 Camelina ● + *Salicetis. R.811.2.* lut.
3 Leucoium *luteum* ⊙ ✱ L. Muris. *R.782.1.*
4 Leucoium *marinum* ● Marit. *R.780.3.*
5 Brasica *perfol. alba.* ● Rarò. *R.797.20.*
6 Brasica *maritima* ⊙. Clivis. *R.796.13. lut.*
7 Rapa *rotunda* ● ✱ L. Agrisseritur. *R.800.1. lut.*
8 Rapa *oblonga* ● + L. Agrisseritur. *R.800.2. lut.*
9 Napus *sylv.* ● + L. Agger. fossar. *R.802.2. lut.*
10 Sinapi *album* ● + L. Agger. foss. *R.802.2. lut.*
11 Sinapi *sativum* ● ✱ L. Hort: arvis *R.*
12 Sinapi *arvorum* ● + L. Seget. *R.802.1.*
TAB.XLVI. 1 Barbarea ⊙ L ✱. *Muris agger. R.809.8.*
2 Barbarea *præcox* ◒. Fossis *R.809.8. lut.*
3 Erysimum *vulg.* ◒ ✱ L. Ruder. muris. *R.810.9.*
4 Erysimum *latifol.* ◒ L. *Agger: ruder. R.811.3.* lut.
5 Eruca *aquatica* ⊙. L. Fossis. aq. *R.808.3. lut.*
6 Eruca *maritima* ●. Aren. marit *R.840. purp.*
7 Eruca *Monensis* ●. marit *R.809.5. lut.*
8 Eruca *muralis* ⊙. L. Ruder *R.807.4. lut.*
9 Raphanus *hort.* ● L. Seritur. *R.804.1. purp.*
10 Rapistrum *album* ● L. Seget. *Com. R.805.2.*
11 Rapistrum *majus.* ● Raro. *R.806.4. alb.*
12 Sophia *Chirurgorum* ● ✱ L. Ruder. *R.812.10. lut.*
TAB.XLVII. 1. Nasturtium *amarum* ⊙. L. Udis. *R.814.1.*
2 Nasturtium *aquaticum* ⊙ ✱ L. Vadosis. *R.816.6. alb.*
3 Nasturtium *aq. præcox.* ⊙ L. Vadosis. *R.S.172.7.*
4 Nasturtium *hirsut. minus.* ⊙ L. Udis. *R.815.5.*
5 Cardamine *prat.* ⊙ + L. Udis. prat. *R.814.2. cam.*
6 Cardamine *fl. pleno.* ⊙. Raro. *R.S.171.2.*
7 Cardamine *impatiens. Rup. udis. R.815.4. alb.*
8 Cardamine *triphyll.* ⊙. Raro. *R.817.11.*
9 Cardamine *Bellidis* folio. ⊙. *Rupis.* raro. *R.817.10.*
10 Turritis *vulg.* ◒ L. Muris. *R.799.3.*
11 Turritis *major* ◒. Raro. *R.799.5.*
12 Turritis *mural. minor.* ⊙. Muris. Rupib. *R.799.6.*
TAB XLVIII 1. Turritis *minor.* ● L. *Aren. sicc. R.800.7.*
2 Turritis *minor foliosa.* ● Muris. *alb. Apr.*
3 Lunaria *contorta major* ◒ Montib. udis *R.789.6.*
4 Lunaria *contorta minor.* Rupes. *R.S.165.2.*
5 Paronychia *major.* ● Mont. *R.790.4. alb.*
6 Paronychia *vulg.* ✱ L. Siccis. *R.789.1. alb.*
7 Paronychia *trifida.* ● Siccis. *alb.*
8 Paronychia *Hibernica* aq. *Lacubus. R.S.281.* alb.
9 Glastum *sativum* ◒. Agris. seritur. *R.842. lut.*
10 Lepidium *vulg.* ⊙. ✱ Aquos. *R.828.1. alb.*
11 Myagrum *sylv.* ● Seget. *R.820.1. lut.*
12 Brassica *monospermos.* ⊙. Aren. marit. *R.838. alb.*
TAB.XLIX. 1. Cochlearia *Hort.* ◒ ✱. Hort. marit. *R.822.1.*
2 Cochlearia *marit.* ◒ ✱. Sallis marit. *R.823.2. alb.*
3 Cochlearia *Hederacea* ●. Marit *R.824.6. alb.*
4 Bursa Pastoris *Offic.* ● ✱ L. Vijs &c. *Com. R.838.4.*
5 Bursa Pastoris *fol.* Coronopi. ● L. *Muris &c.* alb.
6 Bursa Pastoris *minor.* ● L. Muris. Agger. *alb.*
7 Bursa Pastoris *fol. integro.* ● L. Muris &c. *alb.*
8 Raphanus *aq. latifol.* ⊙ L. *Aquis pigris. R.819.3. lut.*
9 Raphanus *aq. minor.* ⊙ L. Udis. *R.818.2.*
10 Raphanus *aq. fol. lacerat.* ⊙ L. *Aq. pigris.*
11 Raphanus *Rusticanus* ⊙ L. Fossis. *R.818.1. alb.*
12 Raphanus *Rusticanus fol. lacerat.* ⊙ Aq. *alb.*
TAB.L. 1. Nasturtium *sylv.* ● Marit. *R.825.2.*
2 Nasturtium *petræum* L. Arenos. *R.827.9. alb.*
3 Nasturtium *petræum.* Cambriæ. *Rupibus. R.S.174.4.*
4 Nasturtium *mont. parvum.* Rupibus. *R.S.174.5.*
5 Nasturtium *Valentinum.* ● Raro. *R.826.8.*
6 Nasturtium *verrucosum* ● L. Vijs udis. *R.843. alb.*
7 Thlaspi *vulg.* ◒ + L. *Seget R.830.1.*
8 Thlaspi *glabrum* ●. Raro. *R.S.175.5.*
9 Thlaspi *Dioscorid.* ● +. Seget. &c. *R.831.5.*
10 Thlaspi *incanum* ⊙. Montos. *R.831.2.*
11 Thlaspi *Glasti fol.* ●. Pascuis mont. *R.832.10. alb.*
12 Thlaspi *perfol. minus.* ●. Saxosis. *R.834.8.*

TAB. LI. 1. Veronica *Spicata* Cambriæ ⊙ *R. 845. 1.*
2. Veronica *mas* Offic. ⊙.* L. Paſcuis *sicc. R. 851. 7.*
3. Veronica *prat. vulg.* ⊙. L. Paſcuis *M. R. 850. 3.*
4. Veronica *Sylvat. pedic. oblongo* ⊙ L. Sylv. humid &c. *R. 850. 4.*
5. Veronica *Spicata parva* ⊙ *R. 846. 3.*
6. Veronica *Serpyllifolia* ⊙ L. Pratis *R. 848. 6.*
7. Veronica *fol.* Triſſaginis ● L. Hort. *R. 847. 3.*
8. Veronica *acaulis* ●. L. Mur. &c. *R. 847. 2.*
9. Veronica *fol.* Rutæ ● *R. 848. 5.*
10. Veronica *Hederacea* ● L. Com. Seget. *R. 848. 4.*
11. Becabunga *vulg.* Offic. ⊙ L. Rivulis *R. 852. 1.*
12. Becabunga *fol. longo* ⊙ L. *R. 852. 4.*
13. Becabunga *fol. anguſto* ⊙ L. Udis paluſtr. *R. 852. 5.*
TAB. LII. 1 Papaver *ſylveſtre* ● L. Hort incultis *L. R. 854. 1.*
2. Papaver *Rhœas* ⊙ L. Seget *R. 855. 4.*
3. Papaver *capite longo* ● Seget. &c. *R. 856. 7.*
4. Papaver *luteum* Cambriæ ⊙ Rivulis. *R. 856. 7.*
5. Argemone *cap. rotundo* ●. Seget. *L. R. 855. 5.*
6. Argemone *rotundo* ● Seget *R. 856. 6.*
7. Glaucium *luteum* ⊙ Aren. Marit. *R. 857. 12.*
8. Glaucium *Violaceum* ● Seget. *L. Y. R. 857. 14.*
9. Chelidonium *majus* ⊙ Ruder &c. *R. 858. 15.*
10. Chamænerion *vulg.* ⊙ Pratis. *L. Y. R. 861. 4.*
11. Chamænerion *hirſut. fl. magno* ⊙ Ripis fluvior. Y. A *R. 861. 4.*
12. Chamænerion *hirs. fl. parvo*. Aquos Y. A. *R. 861. 5.*
TAB. LIII. 1. Lyſimachia *major* ⊙. L. Sylvis &c. *L. Y. R. 861. 6.*
2. Lyſimachia *min. latifolia* *R. 862. 9.*
3. Lyſimachia *media* ⊙. L. Ripis fluvior *R. 861. 7.*
4. Lyſimachia *anguſtifolia* ⊙. L. Paluſtr. *R. 862. 8.*
5. Tithymalus *Sylvat. vulg.* ⊙. H. Sylvis. *R. 863. 1.*
6. Tithymalus *verrucoſus* ⊙. *R. 871. 42.*
7. Tithymalus *latifolius* ●. Seget. *R. 870. 3. 2.*
8. Tithymalus *maritimus* ⊙. Arenos. Marit. *R. 865. 10.*
9. Peplus *min. Segetum* ●. L. Seget *R. 868. 23.*
10. Peplus *Helioſcopius* ●. L. Arvis *R. 869. 26.*
11. Peplus *rotundifolius* ●. L. Hort &c. *869. 27.*
12. Peplus *marit. vulg.* ●. Arenos. Marit. *R. 869. 2.*

SECT. XII. *Plantæ* Flore *cavo & pentapetalo.*

TAB. LIV. 1. Convolvulus *major* ⊙. L. *R. 725. 6.*
2. Convolvulus *minor* ⊙. L. Vijs Arvis &c. *R. 725. 8.*
3. Convolvulus *minimus* ⊙. Seget. L. *R. 725. 8.*
4. Convolvulus *maritimus* ⊙. Arenos Marit. *R. 726. 12.*
5. Rapunculus *eſculentus* ⊙ Aggeribus foſs &c. *R. 730. 11.*
6. Campanula *rotundif. vulg.* ⊙ H. Ericetis &c. *R. 740. 12.*
7. Campanula *rotund. major* ⊙. Sylv. Sepib &c.
8. Campanula *Hederacea* ⊙. Raro. *741. 17.*
9. Campanula *maxima* ⊙. Mont. Y. A. *R. 732. 1.*
10. Campanula *minor* ⊙. Paſcuis Mont. *R. 735. 18.*
11. Campanula *fol.* Urticæ ⊙. Dumet &c. Y. A. *R. 732. 4.*
12. *Speculum* Veneris *minus* Seget. *L. Y. R. 743. 4.*
TAB. LV. 1. Rapunculus *orbiculatus* ⊙. Paſcuis Y. A. *R. 744. 2.*
2. Rapunculus *vulg. cæruleus* ●. H. Paſcuis Steril. Aren. *R. 744. 3.*
3. Gentiana *paluſtris anguſt.* Ericetis humi. *L. Y. A. R. 749. 6.*
4. Gentiana *Autum. minor* ⊙. Mont. Cret. *A. S. R. 749. 7.*
5. Trifolium *paluſtre* ⊙. H. Udis paluſtr. *R. 1099. c. 14.*
6. Valeriana *Græca* ⊙. *R. 1102. 20.*
7. Centaurium *min. vulg.* ●. Paſcuis Steril. sice *R. 1092. 1.*
8. Centaurium *perfoliat. luteum* ⊙ Paſcuis Mont sicc. *R. 1093. c. 10.*
9. Linum *Sativum.* ●. Agris Seritur. *L. R. 1072. 1.*
10. Linum *Sylveſtre* ●. Seget. *R. 1073. 2.*
11. Linum *anguſt. minus* ⊙. Salsis Paluſtr. *R. 1074. 13.*
12. Linum *Catharticum* ●. Paſcuis sicc Mont. *R. 1076. 21.*
TAB. LVI. 1. Caryophyllus *muralis* ⊙. *R. 988. 5.*
2. Caryophyllus *min. repens* ⊙. L. Arenos. *R. 988. 6.*
3. Caryophyllus *fl. vnico* ⊙. Y. A
4. Caryophyllus *muſcoſus* Rupib. &c. *R. 1004. 11.*
5. Armeria *ſylv. barbata* ●. L. Aren. *R. 991. 4.*
6. Armeria *fl. laciniato* H. Pratis humidis *L. Y. R. 1000 6.*
7. Pervinca *major* ⊙. Sepib M. *R. 1091. 2.*
8. Pervinca *minor* ⊙. *R. 1091. 1.*
9. Primula *veris. vulg.* ⊙. H. Dumet. Sepib. *R. 1080. 1.*
10. Paralyſis *major* ⊙. Sylv. Sepib. *R. 1081. 4.*
11. Paralyſis *vulg.* ⊙. L. Paſcuis *R. 1081. 5.*
12. Paralyſis *min. rubra* ⊙. Mont. udis M. *R. 1084. 9.*
TAB. LVII. 1. Lychnis *marina* ⊙. Marit. *R. 993. 3.*
2. Lychnis *Veſicaria* ⊙. L. Seget. *R. 998. 1.*
3. Saponaria *vulg.* ⊙. L. *R. 999. 2.*
4. Saponaria *concava* ⊙. Raro. *R. 999. 2.*
5. Lychnis *Sylv. alba* ⊙. L. Paſcuis &c. *R. 994. 2.*
6. Lychnis *Sylv. rubra* ⊙. Sepib &c. *R. 994. 3.*
7. Muſcipula *latif. alba* ⊙. *L. Y. R. 1001. 5. Alb.*
8. Muſcipula *anguſt. rubra* ●. Rupib *R. 1000. 1.*
9. Lychnis *Segetum alba* ●. Seget. *R. 996. 13.*
10. Lychnis *Noctiflora* ⊙. Seget. *R. 994. 5.*
11. Muſcipula *muſcoſa* ⊙. R. *1002. 9.*
12. Nigella ſtrum ●. L. Seget. *R. 993. 1.*
TAB. LVIII. 1. Holoſteum *majus* ⊙. H. *R. 1027. 2.*
2. Holoſteum *medium* ⊙. L. Pratis humid
3. Holoſteum *minus* ⊙. L. Vepret. *R. 1027. 4.*
4. Holoſteum *uliginoſum* ⊙. H. Udis. *R. 1030. 21.*
5. Myoſotis *latif. præcox* ⊙. L. Paſcuis sice *R. 1029. 14.*
6. Myoſotis *vulg. Serotina* ⊙. L. Arvis reſtib. *R. 1029. 15.*
7. Myoſotis ⊙. L. Paſcuis &c.
8. Myoſotis *fl. puchro* ⊙. Fricetis. *R. 1027. 5.*
9. Myoſotis *fl. amplo* ⊙. Mont. humid.
10. Myoſotis *grandiflora* Cambriæ ⊙. Rupib.
Holoſteum *aq. majus* ⊙. L. Ripis-humidis Y. A. *R. 1030. 19.*
12. Holoſteum *S. Alſine vulg.* ⊙ L. Com *R. 1030. 20.*
TAB. LIX. 1. Alſine *fol.* Plantaginis ● H. Uliginoſ. *R. 1032. 5.*
2. Alſine *multicaulis* ● L. Com. Mur *R. 1031. 1.*
3. Alſine *tenuifolia* ● Seget *R. 1031. 4.*
4. Alſine *fl. pulchro* ⊙. Mont *R. 1033. 11.*
5. Alſine *Arenaria* ● Y. all *R. 1032. 9.*
6. Spergula *Segetum* ● L. Seget *R. 1034. 19.*
7. Spergula *marina* ⊙ Salſis paluſtr. *R. 1034. 20.*
8. Spergula *pump* ● H. Arenos *R. 1034. 18.*
9. Spergula *tetrapetala* ● H. Paſcuis ſteril. Aren *R. 1025. 1.*
10. Millegrana *Graminea* ⊙ H. Hort. Amb. &c. *R. 1020. 5.*
11. Millegrana *Graminea* ● *R. 1026. 6.*
12. Millegrana *minima* ● L. Ericetis udis R. *1020. 7.*
TAB. LX. 1. Chamæciſtus *vulg.* ⊙ Mont. Cret *R. 1023. 13.*
2. Chamæciſtus *fol. incano* ⊙ Rupib *R. 1015. 7.*
3. Chamæciſtus *fol.* Polÿ ⊙ Paſcuis
4. Chamæciſtus ⊙ *fl. guttato* ●. L. &c. *R. 1012. 2.*
5. Hypericum *vulg.* ⊙. *. L. Dumet Sep. *R. 1018. 5.*
6. Hypericum *pulchrum* ⊙. +. H. Dumet &c. *R. 1019. 11.*
7. Hypericum *biſolium* ⊙. L. Rupib *R. 1021. 19.*
8. Hypericum *minimum* ⊙. Paſcuis Aren &c *R. 1019. 10.*
9. Androſemum *vulg.* ⊙. *. H. Dumet. Sepib. *R. 1020. 16.*
10. Androſemum *Hypericoides* ⊙. H. Dumet Sepib *R. 1021.*
11. Aſcyron *vulg.* ⊙. H. Ripis. fluv. &c. *R. 1019. 12.*
12. Aſcyron *villoſum* ⊙. Udis Muſcoſis *R. 1020. 18.*
TAB. LXI. 1. Geum *Hors.* vulg. *R. 1046. 6.*
2. Geum *fol. circinato. R. 1047. 1.*
3. Geum *Hibernicum. R. 1045. 3.*
4. Geum *Cambrice*. Rupib *R. 3. p. 507. 2.*
5. Geum *hirſutum*. Mont. humid *R. 1046. 8.*
6. Geum *album* Saxifraga *vulgo* L. Paſcuis ſicc *R. 1048.*
7. Geum *trifidum*. Mont. *R. 1043. 21.*
8. Geum *fol.* Rutæ. Muris *R. 1043. 25.*
9. Geum *cærul.* Ericoides. Rupib *R. 1040. 6.*
10. Geum *mont. luteum*. Mont. humid *R. 1041. 20.*
11. Sedum *alb. teretifolium*. Muris &c. *R. 1040. 1.*
12. Parnaſſia *vulg.* Paluſtrib. *R. 1049. c. 4.*
TAB. LXII. 1. Verbaſcum *lut. vulg.* Agror. *Maigm &c. R. 1004. 1.*
2. Verbaſcum *lut. fl. parvo. R. 1004. 3.*
3. Verbaſcum *nigrum. R. 1005. 7.*
4. Verbaſcum *album*. Vis *R. 1005. 5.*
5. Blattaria *lutea*. *R. 1006. 1.*
6. Salicaria *vulg.* Ripis fluvior *R. 1036. 1.*
7. Salicaria *fol. brevi*.
8. Salicaria *trifolia*.
9. Lyſimachia *lutea*. Aquos *R. 1021. 1.*
10. Lyſimachia *globoſa*. *R. 1022. 5.*
11. Pyrola *vulg.* * *R. 1233. 1.*
12. Pyrola *mucronata*. *R. 1233. 2.*
13. Trientalis. *R. 1101. c. 19.*
TAB. LXIII. 1. Anagallis *mas* ● Seget. *R. 1023. 1.*
2. Anagallis *famina* ● * *R. 1024. 2.*
3. Anagallis *lutea* ⊙. Sylv. Umbros. *R. 1024. 4.*
4. Anagallis *Aquatica* ⊙ Udis *L. Y. R. 1101. c. 18.*
5. Nummularia *vulg.* ⊙ +. *R. 1000. 1.*
6. Nummularia *rubea* ⊙. Udis Y. A. *R. 1100. 2.*
7. Oxys *all.* ⊙ × Sylvis &c *R. 1008. 1.*
8. Viola *Aquatica* ⊙ Vadoſis. *R. 1101. 2.*
9. Hyſſopifolia *Aquatica* ● Aquos. *R. 1055. 1.*
10. Ros *ſolis fol. rotundo* ⊙ Udis *R. 1100. 1.*
11. Ros *ſolis fol. oblongo* ⊙. *R. 1100. 2.*
12. Rorella *longifol. mar. R. 1100. 5.*
TAB. LXIV. 1 Geranium *columb.* ● L. *Sepib &c R. 1059. 19.*
2. Geranium *columb. alb.* ● Foſsis &c.
3. Geranium *columb. minim* ● Paſcuis ſteril.
4. Geranium *columb. fl. min* ● L. *R. 1059. 18.*
5. Geranium *columb. fl. maj* ● L. Paſcuis Arenos
6. Geranium *columb. diſſect fol.* ●. Paſcuis ſteril. *R. 1059. 21.*
7. Geranium *columb. max. fol. diſſect* ● Sep. &c *R. 1060. 22.*
8. Geran. *columb diſſect. fol. ped fl longiss* ● *R. 1059. 23.*
9. Geran. *hæmatodes*. ⊙ Ericetis mont &c. Y. A *R. 1060. 12.*
10. Geran *hæmat. antiq. incisis* ⊙ Agger *foſsar.*
11. Geran. *hæmat. fl. variis* ⊙ Raro *R. 1061.*
12. Geran. *lucidum* ● Umbros *L. Y. R. 1060. 25.*
TAB. LXV. 1. Geranium *Cuscillum*. Arenarium *R. 1056. 3.*
2. Geran. *moschatum*. *R. 1057. 10.*
3. Geran. *cicuta fol.* Arenos *R. 1057. 8.*
4. Geran. *nodosum* Mont *R. 1060. 29.*
5. Geran. *Robert* × Sepib. &c *R. 1058. 17.*
6. Geran. *luid sanabile*.
7. Geran. *batrachoides*. Pratis humid *R. 1061. 33.*
8. Geran. *betrach. mont*. Pratis Mont *R. 1062. 34.*
9. Anthyllis *marit.* Arenos marit *1024. c. 11.*
10. Glaux *marit.* Salſis Paluſtr. *R. 1102. 1.*
11. Portulaca *aquat.* Udis *R. 1035. 25.*
12. Plantaginella *paluſtris. R. 1077. c. 12.*
TAB. LXVI. 1 Allium *Sylveſtre R. 1117. 4.*
2. Allium *Sylv. cum flosc. bulb. intermixtis*
3. Allium *Sylv.* Tenuifolium. *R. 1118. 4.*
4. Allium *Sylv.* Nucleis *rariorib. et majorib.*
5. Allium *Sylv.* Amphicarpon &c.
6. Allium *Sylv. bicorni. &c.* Seget. *R. 1119. 3.*
7. Allium *Holmense &c. R. 1125. 2.*
8. Allium *Sylv. latifol.* Pratis humid. *R. 1112. 12.*
9. Aſphodelus *Lancastriæ R. 1095. 2.*
10. Ornithogalum *spicatum fl.* Virenti *R. 1153. 11.*
11. Ornithogalum *vulgare. R. 1153. 9.*
12. Ornithogalum *luteum. R. 1153. 13.*

Tab. LXVII. 1. Bulbosa *Alp. juncifol. Cambria*

2. Colchicum *Pratis R. 1170. 1.*

3. Crocus * *R. 1170. 17.*

4. Hyacinthus *Angl.* Dumet *Sep. R. 1159. 20.*

5. Hyacinthus *Stellatus. Cambria. R. 1155. 1.*

6. Hyacinthus *Stell. autumalis. Rupib. R. 1157. 13.*

7. Gladiolus *lacustris. R. 1325. c. 12.*

8. Narcissus *pallido. lut. angl. alt. calyce magn. brev. aurao.*

9. Narcissus *Sylvestris. R. 1131. 5.*

10. Narcissus *medio-luteus vulg. R. 1135. 23.*

11. Iris *Palustris lutea. Rip. fluvior. R. 1186. 24.*

12. Xyris. *Dumet. Sep. R. 1190. 7.*

Tab. LXVIII. 1. Orchis *barbata fœtid* ⊙ *R. 1212. 1.*

2. Orchis *morio mas* ⊙ Pascuis &c. *R. 1214. 7.*

3. Orchis *morio fœm.* ⊙ Pascuis M. *R. 1214. 8.*

4. Orchis *purpurea.* ⊙ Pascuis *sic. cret. R. 1215. 14.*

5. Orchis *Pannonica.* ⊙ Collib. *Steril et Cret. R. 1215. 12.*

6. Orchis *odoruta moschata* ⊙ Y. *R. 1217. 22.*

7. Triorchis. ⊙ Pascuis *Arenos* Y. A. *R. 1217. 26.*

8. Orchis *anthropophora.* ⊙ Glareos. *R. 1217. 27.*

9. Orchis *galea. &c.* ⊙ *R. 1218. 29.*

10. Orchis *myodes minor* ⊙ Agger. *foss. R. 1219. 32.*

11. Orchis *hermaphroditica bifol.* ⊙. *R. 1221. 40.*

12. Orchis *alt. bifol. min. calcari. oblongo. R. 1221.*

Tab. LXIX. 1. Orchis *myodes major.* ⊙ *R. 1220. 33.*

2. Orchis *fuciflora* ⊙ Pascuis *sic. R. 1220. 38.*

3. Orchis *sive* Testiculus *Sphegodes hirsut. fl. R. 1221. 39.*

4. Orchis *alt. odorata.* ⊙ Eborac.

5. Orchis *palmata. maj. mar.* ⊙ Pratis *humid. R. 1223. 1.*

6. Orchis *palmata pumin.* ⊙ Sylvis I. *R. 1223. 2.*

7. Orchis *palmata rub.* ⊙ Pratis *humid. R. 1224. 6.*

8. Orchis *palmata min.* ⊙ Pascuis *sic. R. 1224. 7.*

9. Pleudo-Orchis. ⊙ Palustr. *R. 1226. 3.*

10. Orobanche *major.* ⊙ *R. 1227. 1.*

11. Orobanche *ramosa.* ⊙ Seget. *R. 1227. 5.*

12. Orobanche *hypopithys.* ⊙ Sylv. *umbros R. 1229. 2.*

Tab. LXX. 1. Orobanche *radice dentata maj.* ⊙ *R. 1229. 1.*

2. Nidus *Avis.* ⊙ Sylvis *R. 1228. 1.*

3. Nidus *Avis. pup.* ⊙ *R. 1229. 3.*

4. Calceolus *Mariæ* ⊙ Sylvis. *R. 1239. 12.*

5. Helleborine *fl. atro-rubente.* ⊙ *Mont. R. 1231. 5.*

6. Helleborine *latifol. mont.* ⊙ Sylvis *caduis. R. 1230. 1.*

7. Helleborine *fl. albo.* ⊙ Sylvis. M. I. *R. 1231. 6.*

8. Helleborine *palustris.* ⊙ Udis &c. *R. 1231. 10.*

9. Helleborine *augustifolio.* ⊙ Sylvis &c.

10. Bifolium *Majus. Pratis. humid. &c. R. 1232. 1.*

11. Bifolium *minimum Ericetis udis. R. 1232. 2.*

12. Bifolium *palustr.* Udis. *palustr. R. 1232. 4.*

Tab. LXXI. 1. Nymphæ *alba* ⊙ Fluvijs. *R. 1320. 3.*

2. Nymphæa *alb. minima* ⊙ Aquis *pigris. R. 1320. 4.*

3. Nymphæa *lutea.* ⊙ Fluvijs. *R. 1319. 1.*

4. Nymphæa *lutea min. fl. fimbriato R. 1320. 2.*

5. Aloe *palustris.* ⊙ Fossis *palustr. R. 1324. c. 7.*

6. Filipendula ⊙ Pratis & *pascuis mont. R. 623. 1.*

7. Filipendula. *min.* ⊙ Pascuis *steril. R. 623. 2.*

8. Ulmaria ⊙ Ripis *fluvior. R. 624. c. 3.*

9. Thalictrum *majus.* ⊙ Ad rivul. *Aq. R. 403. 4.*

10. Thalictrum *minus.* ⊙ Mont. *cret. R. 404. 5.*

11. Thalictrum *mont. minus.* ⊙ Rup. *R. 3. p. 240.*

12. Thalictrum *mont. minim.* ⊙ Rup. *udis. R. 3. p. 240.*

Tab. LXXII. 1. Valeriana *Sylvestris major.* ⊙ * *R. 388. 2.*

2. Valeriana *Sylv. min.* ⊙ Pratis *Humidis. R. 388. 3.*

3. Valeriana *Sylv. seu Palustris minor altera. R. 389. 4.*

4. Lactuca *agnina* ● Seget &c. *R. 392. 1.*

5. Lactuca *agnina fol. serratis* ⊙ Seget. *R. 392. 2.*

6. Limonium ⊙ Salsis *palustr. R. 395. 1.*

7. Limonium *min.* ⊙ Clivir. *Mariti. R. 395.*

8. Caryophyllus *mont. min.* ⊙ Palustr. *marit. R. 1037. 1.*

9. Sparganium *ramosum* ⊙ Rip. *fluvior &c. R. 1311. 2*

10. Spargan. *non ramosum.* ⊙

11. Spargan. *minimum.* ⊙ Stagnis & *rivul. R. 1312. 3.*

12. Cuscuta *major.* ⊙ Ericetis I. Y. *R. 1063. c. 23.*

A Catalogue *of* MR *Ray's* English Herbal

Illustrated with FIGURES *on Folio Copper* PLATES. *On which are* Engraven *Their* NAMES *to each, as also the* Places *where* Growing, *Colour of their* Flowers *and* Time *of* Flouriſhing, *if* Annual *or* Perennial, *Common* or *Rare*. *The* Flower, Seed, Veſsell &c. Figured *from y^e* Life *& added to each* Different *Kind*.

By James Petiver Fellow *of y^e* Royall Society

LONDON.

SECT. I. *ENGLISH HERBS* with *Staminеous, Threddy* or *Blink FLOWERS*.

TAB. I. *Fig*. 1. Male *Hops*. ☉. Flowers *in* Iuly *KENT &c*.
2 Female *Hops*. ☉. * Ripe *beginning of* Sep^t
3 Male *Hemp*. ●. Sow'n *in* Fields. *Fl*. Iuly.
4 Female *Hemp*. ●. * *Seeds in* Aug^t
5 Male *Dog's Mercury*. ☉. *Fl*. March *woods & hedges*.
6 Female *Dog's Mercury*. ☉. Seeds *Apr*. *LOND*.
7 Male *French Mercury*. ●. Gardens *Wild*.
8 Female *French Mercury*. ●. *. Iune &c.
9 Great *Nettle*. ☉. *L. Iuly. *Ditches & Dunghills* Com.
10 Small *Nettle*. ●. L. Com. *Rubbish* Iun. &c.
11 Roman *Nettle*. ●. Rare. *Iune*.
12 Small *Burdock*. ●. L. Rare. *by Roads*.
TAB. II. 1. *Great* Water *Dock*. ☉. *. L. *by Slow Rivulets* Iul.
2 *Curl'd* Sharp *Dock*. ☉ L Wet *ground*.
3 *Smooth* Sharp *Dock* ☉. *. L. Com. *Waſt & Wet g^d* Iul.
4 *Small* ſharp *Dock*. ☉. L. *Wet Ditches*. Y.
5 *Blood* vein'd *Dock*. ☉. L Paths. *Plow'd g^d* Y.
6 Bloodleſs *Dock*. ☉. L. *Hedges*. Y.
7 Gold *Dock*. ◒. L. *Slow Waters*. Y.
8 Bur Gold *Dock* ◒. L. *Slow Waters*. Y.
9 Broad *Dock* ☉. L. Com. *Waſt g^d out Houſes*. Y.
10 Fiddle *Dock*. ☉. L. *Waſt Fields*. Y.
11 *Buck-wheat*. ●. *. L. Sow'n *in Fields*. Y. &c *White*.
12 Trailing *Buck-wheat* ●. L. Corn & *Sowed g^d* Y pale.
TAB. III. 1 Common *Sorrel* ☉. *. L. *Meadows*. Iune.
2 Sheep's *Sorrel*. ☉. L. *Sandy ſoil*. May.
3 Barren Sheep's Sorrel. ☉. L. *Sand*. May.
4 Welsh *Sorrel*. ☉. In *Rills* on *Rocks*. May. &c.
5 Common *Arſmart*. ●. *. L. *Wet Ditches*. Aug.
6 Creeping *Arſmart*. ●. L. *Moiſt Meads* &c Aug.
7 Spotted *Arſmart*. ●. L. Corn & *Wet g^d* Aug. *Fleſh*.
8 Spotted hoary *Arſmart*. ●. L. *Rare* Aug.
9 Silver *Arſmart*. ●. L. *Corn* Iul.
10 White branched *Arſmart*. ●. L. *Rare*.
11 Bobarts *Arſmart* ☉. L. Sand. *Corn* &c Iul. *Pale*.
12 Amphibious Arſmart. ☉. L. *Fig*. A. *Land* B. *Water*.
TAB. IV. 1 Common *Plantain* ☉. *. L. In *Paths* Iun *to* Aug.
2 Dented *Plantain* ☉. L. In *Paths*.
3 Hoary *Plantain* ☉. L. Sandy *Paths* May &c.
4 Roſe and ſpiked *Plantain* ☉. Rare.
5 Beſom *Plantain* ☉. Rare.
6 Common *Ribwort*. ☉. *. Paſtures. *Com* May &c.
7 Mountain *Ribwort*. ☉. Wales &c.
8 Childing *Ribwort* ☉. Rare.
9 Sea *Plantain* ☉. L. *Salt Marſhes*
10 Bucks-horn *Plantain* ☉. *. *Sand & Sea ſhore*. Iul.
11 Great *Burnet* ☉. + *Moiſt Meads*.
12 Small *Burnet* ☉. * *Chalk-hills* Iun.
TAB. V. 1 Common *Biſtort* ☉. *. L. *Moiſt Meads*. Y. *pale*.
2 Small *Biſtort* ☉. North. *pale*
3 Welſh *Biſtort*. ☉. Rare
4 Broad *Pondweed*. ☉. L. *Boggs & Ponds*.
5 Long *Pondweed* ☉. L. *Thames*.
6 Round *Pondweed* ☉. L. *Slow Rivers*.
7 Heart *Pondweed* ☉. *Slow Waters*.
8 Plain *Pondweed* ☉. L. *Rivulets*.
9 Curl'd *Pondweed* ☉. L. *Rivulets*.
10 Broad Graſs *Pondweed* ☉. Slow *waters*.
11 Narrow Graſs *Pondweed* ☉. Brooks *Iuly*.
12 Fine Graſs *Pondweed* ☉. Rivers.
13 Fennel *Pondweed* ☉. Brooks.
TAB. VI. 1 Taſſel *Pondweed* ☉. Salt *Rivulets*.
2 Horned *Pondweed*. ☉. L. *Shallow Ponds*. Iul.
3 Water *Starwort*. ☉. L. *Wet Ditches*.
4 *Long* Water *Starwort* ☉. L. *Ponds & Ditches*.
5 Feather *Pondweed* ☉. L. *Rivulets*.
6 Fine Feather *Pondweed* ☉. Slow *Waters*.
7 Millfoil *Pondweed* ☉. Low *waters*.
8 Knotted *Pondweed* *Water Ditches*.
9 Golden *Saxifrage*. ☉. L. *Shady bogs*. Apr. *Yellowiſh*.
10 Long Golden *Saxifrage*. ☉. *With y^e* Com.
11 Cornwal *Pennywort* ☉. Rare.
12 Marſh *Pennywort* ☉. L. *Bogs & Rills*. Iul. &c.
TAB. VII. 1 Delt *Orrach*. ●. L. *Gardens, Dunghills*. &c Aug.
2 Delt Sea *Orrach*. ●. L. *Sea Shores*. Y. &c.
3 Frolty Sea *Orrach*. ●. *Sea Shores ESSEX*. &c Y. &c.
4 Jagged long *Orrach*. ●. L. *Sea Marſhes* &c Aug.
5 Spear *Orrach*. ●. L. Com *Dunghills*. Aug.
6 Graſs Sea *Orrach* ● *Sea ſide*.
7 *Sea Purſlain* ☉. Salt *Marſhes*. Y.
8 Heart *Sea Purſlain* ☉. Rare. *Sea coasts*.
9 Small Garden *Blite*. . Old *Gardens*. Aug.
10 All ſeed *Blite*. ●. L. *Gardens. Hop-ground* &c.
11 Stinking *Orrach*. ●. *. L. *Dunghills* &c Y & A.
12 Wild *Spinage* ☉. *. L. *Waſt g^d* Apr. &c.
TAB. VIII. 1 *Rands* Oak *Blite*. ●. L. *Rubiſh*. Iul. &c
2 Froſt *Blite*. ●. L. *Waſt Dung* &c *Com* Iul. &c.
3 *Buddle's* Fig *Blite*. ●. L. *Rubiſh* Iul. &c.
4 *Buddle's* round *Blite*. ●. L. *Rubiſh. Waſt*. &c Iul. &c.
5 *Thick* ſhining *Blite*. ●. L. *Waſt Dung* &c Aug.
6 *Sharp* pointed *Blite*. ●. L. *Rubiſh Dung*. Aug.
7 Maple *Blite*. ●. L. *Rare Dung* Iul.
8 Broad pointed *Blite*. ●. L. Com. *Rubiſh* &c.
9 Sea *Beet* ☉. *Salt Marſhes*.
10 Wall *Pellitory*. ☉. *. L. *Walls & Ruins*. Iul. &c.
11 Tree *Stonecrop*. ☉. Sea *Shores*. Aug.
12 Shrub *Stonecrop*. ☉. Salt *Marſhes*. Aug.
TAB. IX. 1 Small *Glaſswort*. . Salt *Marſhes*. Com.
2 Prickly *Glaſswort*. ● *Sea ſhores*. Aug.
3 Joynted *Glaſswort*. *Sea ſide*. Com. ●
4 Woody jointed *Glaſswort*. ☉. *Shepey Iſle* &c.
5 Baſtard *Toad-flax*. ☉. *Chalk hills*. Iul. &c.
6 Upright *Knawell*. ◍ L. *Sandy gr^d* Iul &c.
7 Spreading *Knawell*. ◍ L. *Corn* &c Iul. &c.
8 *Pepper Graſs*. L. *Shallow Ponds*. Iul. &c.
9 *Ladies Mantle*. ☉. *. *Hilly ground* &c.
10 Small *Ladies Mantle*. ☉. Rare.
11 Silver *Ladies Mantle*. ☉. Rare. *North* Mount^s
12 *Parſly Piert*. *. L. *Corn & Gravell* Iun. &c.
TAB. X. 1 Common *Knotgraſs*. ◍. *. L. *Waſt gr^d Paths*. &c Com. *Iuly*.
2 Thick ſet *Knotgraſs*. ●. L. *Rubiſh* Aug^t &c.
3 Short leaved *Knotgraſs*. ●. L. *Waſt gr^d* Aug.
4 Narrow *Knotgraſs*. ●. L. *Corn* &c.
5 Sea *Knotgraſs*. ☉. *Sandy Sea ſhores*.
6 Newton's *Knotgraſs*. . *On* Seavern *Shore*.

7 Whorl'd *Knotgraſs.* ◉. *Marſhes. CORNWALL.*
8 Valentia *Knotgraſs.* . *Sea coaſt.* Rare.
9 Smooth *Rupture-wort.* ◉. ✶. *CORNWALL.*
10 Hoary *Rupture-wort.* Rare.
11 *Sea Heath.* . Salt *marſhes.* Iul. &c. *Blush.*
12 *Blinks.* ◉. H. *Bogs. Corn.* White.

SECT. II. *PLANTS with* Lettuce, Daſie, *and Naked* FLOWERS. THISTLES &c.

TAB. XI. *Fig.* 1 *Comon* Mouſe-ear. ⊙. ✶. L. *Dry Paſtures.* I & Y. *Yell.*
2 *Welſh* Mouſe-ear. . *Yellow.*
3 *Narrow* Mouſe-ear. L. *Yell.*
4 *Broad* Mouſe-ear. ⊙. *Heaths.*
5 *Narrow ſmooth* Mouſe-ear. ⊙. *WALES. Yell.*
6 *Pluckenett's* Mouſe-ear. ⊙. *Yell.*
7 *Comon* Dandelion. ⊙. ✶. L. *Paſtures &c.* Com. *Yell.* all Sumer.
8 *Narrow* Dandelion. ⊙. L. *Brick walls &c.* Yell.
9 *Comon rough* Dandelion. ⊙. L. *Meads &c.* May. *Yell.*
10 *Sandy rough* Dandelion. ⊙. *Dry banks.* Yell.
11 *Rough branched* Dandelion. ⊙. ✶. L. *Paſtures &c.* Com. I. Y & A. *Yel.*
12 *Smooth branched* Dandelion. ◉. *Yell.*
TAB. XII. 1 *Comon* Hawk-bit. ⊙. L. *Paſtures.* Y & A. *Yell.*
2 *Jagged* Hawk-bit ⊙. L. *Paſtures.* Iul. &c *Yell.*
3 *Small jagged* Hawk-bit. ⊙. L. *Yell.*
4 *Dandelion* Hawk-bit. ◉. L. *Yell.*
5 *Buddle's* Hawk-beard. ⊙. L. Y & A. *Yell.*
6 *Comon* Hawk-beard. ◉. L. *Paſtures.* Y & A. *Yell.*
7 *Succory* Hawk-beard. L. *Paſtures.* Y & A. *Yell.*
8 *Caſtor* Hawk-weed. ◉. L. *Chalk pits. &c.* I. Y & A. *Yell.*
9 *Small Succory* Hawk-weed. L. *Yell.* ◒
10 *Tall Succory* Hawk-weed. ◒. *KENT.* Y & A. *Yell.*
11 *Curl'd* Hawk-weed. ◒. L. *Field ſides.* Yell.
12 *Ox-tongue* Hawk-weed. ◒. L. *Ditch-banks.* Y & A. *Yell.*
TAB. XIII. 1 *Broad* Hawk-lung. ⊙. *Rare.* Yell.
2 *Round* Hawk-lung. ⊙. *Rare.* Yell.
3 *Broad dented* Hawk-lung. ⊙. *Rare.* Yell.
4 *French* Hawk-lung. ⊙. ✶. L. *Old Walls. Woods. &c.* I & Y. *Yell.*
5 *Narrow* Hawk-lung. . *Rare.* Yell.
6 *Welſh hoary* Hawk-lung. ⊙. *Rocks.* Yell.
7 *Broad hairy* Hawk-lung. ⊙. H. Y & A. *Yell.*
8 *Long hairy* Hawk-lung. ⊙. H. Y & A. *Yell.*
9 *Broad ſmooth* Hawk-lung. ⊙. *Rare. WESTMERL. Yell.*
10 *Narrow hairy* Hawk-lung. ⊙. H. *Woods.* Yell.
11 *Narrow ſmooth* Hawk-lung. ⊙. H. *Woods.* Yell.
12 *Graſs* Hawk-lung. ⊙. *Sand-hills.* Yell.
TAB. XIV. 1 *Round leav'd* Sowthiſtle. ◉. L. *Corn.* Yell. *Jun.*
2 *Broad* Sowthiſtle. ◉. *Gard Dungh.* I & Y. *Yell.*
3 *Narrow* Sowthiſtle. ◉. *Rare.* Yell.
4 *Prickle dented* Sowthiſtle. ◉. L. *Banks &c.* Yell. *I & Y.*
5 *Prickle jagged* Sowthiſtle. ◉. ✶. L. *Banks &c.* Yell. *I & Y.*
6 *Corn* Sowthiſtle. ⊙. ✶. L. *Banks. Corn.* Y & A. *Yell.*
7 *Tall Marſh* Sowthiſtle. ⊙. L. *River-banks.* Aug. *Yell.*
8 *Smooth broad* Sowthiſtle. ◉. L. *Hedges. &c.*
9 *Smooth jagged* Sowthiſtle. ◉. ✶. L. *Gardens &c.* I. Y. *&c. Yell.*
10 *Buddle's jagged* Sowthiſtle. ◉. L. *Gardens.* I. Y & A. *Yell.*
11 *Wild* Succory. ⊙. ✶. L. *Iul. & Aug.* Field paths *Blue.*
12 Nipple-Wort. ◉. ✶. L. *Gard. Tilled gr.d* I. Y & A. *Yell.*
TAB. XV. 1 *Broad* Lettuce. ◉. L. *Field banks.* Y & A. *Yell.*
2 *Cutt* Lettuce. ◉. L. *Ditch banks.* I. Y *&c. Yell.*
3 *Jagged* Lettuce. ◉. ✶. *Stoney hedges Gard &c.* Y & A. *Yell.*
4 *Small jagged* Lettuce. ◉. L. I & Y. *Ditch banks.* Yell.
5 *Ivy* Lettuce. ⊙. H. *Walls. Shady banks.* Y & A. *Yell.*
6 *Narrow* Goats-beard. ◉. L. *Meads.* I. Y *&c. Yell.*
7 *Comon* Goats-beard. ◉. ✶. H. *Meads.* I. Y *&c. Yell.*
8 *Purple* Goats-beard. ◉. *Rare.* Gardens.
9 *Small* Swines *Succory.* ◉. L. *Sand. Corn.* Iul *&c. Yell.*
10 *Comon* Carline ◉. L. *Iul. &c. Dry paſtures. & Heath. Yell.sh*
11 Butter-burr. ⊙. ✶. L. *River ſides. &c.*
12 *It's* Flower. *Apr. & May.* Fleſh.
TAB. XVI. 1 Elecampane. ⊙. ✶. *Moiſt Meads &c.* I & Y *Yell.*
2 *Comon* Fleabane. ⊙. ✶. L. *Rills. Ditches.* Y & A. *Yell.*
3 *Small* Fleabane. ◉. L. *Dry Ponds.* Y & A. *Yell.*
4 *Blew* Fleabane. ⊙. L. *Dry Paſtures.* Y & A. *Purpliſh.*
5 *Marſh* Fleabane. ◉. *Fens &c.* Ium & Y. *Yell.*
6 *Jagged* Fleabane. ◉. *Fens &c.* Ium & Y. *Yell.*
7 *Bobart's* Golden-rod. ⊙. *River ſides.* Rare. Y & A. *Yell.*
8 *Marſh* Golden-rod. ⊙. *ELY Fens &c. Yell.*
9 *Narrow* Golden-rod. ⊙. *Rare.* Yell.
10 *Comon* Golden-rod. ⊙. ✶. H. *Woods. Heaths.* Y & A. *Yell.*
11 *Welſh* Golden-rod. ⊙. *Mount.* Yell.
12 *White* Golden-rod. ◉. *Gard. Walls.* Aug. *Pale.*
TAB. XVII. 1 *Comon* Ragwort. ⊙. ✶. *Paſtures &c.* Com. Y. A *&c. Yell.*
2 *Marſh* Ragwort. ⊙. *Wet gr.d Meads.* Y & A. *Yell.*
3 *Groundſell* Ragwort. ⊙. H. *Hedges. Fields.* Aug. *Yell.*
4 *Cambridge* Ragwort. ⊙. *Heaths. &c.* Iun. *Yell.*
5 *Comon* Groundſell. ◉. ✶. L. *Till'd gr.d Waſt &c.* Com. *Feb.* to *Nov.*
6 *Cotton* Groundſell. ◉. H. *Sandy Soil.* I. Y *&c. Yell.*
7 Colts-foot. ⊙. ✶ L. *Rills. Wet gr.d*
8 *It's* Flower. *March & Apr.* Yell.
9 *Golden* Samphire. ⊙. *Sea Coaſt.* Yell.
10 *Great Sea* Starwort. ⊙. ✶. L. *Salt Marſhes.* Y & A. *Reddiſh.*
11 *Small Sea* Starwort. ⊙. L. *Salt Marſhes.* Y & A. *Reddiſh.*
12 *Naked Sea* Starwort. ⊙. *Salt Marſhes. BRISTOLL &c. Yell*
TAB. XVIII. 1 *Montpelier* Fleabane. ⊙. ✶. L. *Dry Hills. Banks.* Y & A.
2 *Hemp* Agrimony. ⊙. ✶. L. *River ſides.* Y & A. *Fleſh.*
3 *American* Live-long. ⊙. *Rare.* Y & A. *White.*
4 Cats-foot. ⊙. *Mount. Heaths.* Wh. & Fleſh.
5 *Jersey* Live-long. ◉. *Banks. Walls.* Rare. *Pale.*
6 *Engliſh* Live-long. ◉. H. *Broom & Sand fields.* Y & A.
7 *Long* Cudweed. ◉. L. *Dry Ponds & c.* Com. *Blackiſh.*
8 *German* Cudweed. . *Sandy ground &c.*
9 *Childing* Cudweed ◉. ✶. L. *Paths. dry ponds.* Y & A. *Pale.*
10 *Low Childing* Cudweed. ◉. *Barren gr.d* Y & A. *Pale.*
11 *Leaſt* Cudweed. ◉. H. *Sand Heaths. Corn* Y & A. *Pale.*
12 *Graſs* Cudweed. ◉. *Corn Sandy gr.d* Pale.
TAB. XIX. 1 *Great* Daſie. ⊙. ✶. L. *Field ſides. &c* I & Y. *Wh.*
2 *Comon* Daſie. ⊙. ✶. L. *All Meads &c.* Apr. to Aug. *Wh.*
3 Sneezewort. ⊙. ✶. H. *Wet ground.* Y & A. *Wh.*
4 Yarrow. ⊙. ✶. L. *All Paſtures. Com.* I. Y *&c.* Wh. & Bluſh.
5 Feverfew. ⊙. ✶. L. *Waſt Hedges.* Y & A. *Wh.*
6 *Corn* Marygold. ◉. L. *Corn.* Y & A. *Yell.*
7 *Yellow* Ox-eye. ⊙. ✶. *River ſides.* Rare. Y & A. *Yell.*
8 *White* Ox-eye. ◒. L. *Meads &c.* May *&c. Wh.*
9 *Bitter* Camomile. ◉. L. *Till'd gr.d* Wh.
10 *Sweet* Camomile. ⊙. ✶. L. *Wet Comons.* Aug *&c. Wh.*
11 *Stinking* Camomile. ◉. ✶. L. *Waſt & Till'd gr.d* Y & A. *Wh.*
12 May-weed. ◉. ✶. L. *Waſt Fields.* Y & A. *Wh.*
TAB. XX. 1 *Comon* Wormwood. ⊙. ✶. L. *Waſt gr.d* A *&c.* Yell.sh
2 *Engliſh Sea* Wormwood. ⊙. ✶. *Salt Marſhes.* Aug *&c. Yell.sh*
3 *French Sea* Wormwood. ⊙. ✶. *Salt Marſhes.* Aug *&c Yell.sh*
4 *Wild* Southernwood. ⊙. *Way ſides.* Rare. Y & A.
5 Mugwort. ⊙. ✶. L. *Field ſides. Hedges.* I. Y & A. *Whiteiſh.*
6 *Burr* Marygold. ◉. ✶. L. *By Ponds &c* A & Sep.t *Yell.*
7 *Trifid Burr* Marygold. ◉. L. *By Ponds &c* A. & Sep.t *Yell.*
8 *Sea* Cottonweed. ⊙. *Sandy Shores.* Rare. *Yell.*
9 Tanſey. ⊙. ✶. L. *Field banks &c.* Aug *&c Yell.*
10 *Curl'd* Tanſey. ⊙. *Gardens.* Aug *&c Yell.*
11 Agrimony. ⊙. ✶. L. *Hedges. Field ſides.* Y & A. *Yell.*
12 Enchanters weed. ⊙. L. *Shady Woods &c.* Y & A. *Wh.sh*
TAB. XXI. 1 *Muſk* Thiſtle. ◉. L. *Flinty, barren gr.d* Y & A. *Red.*
2 *Welted* Thiſtle. ◉. L. *Waſt Ditches.* Y & A. *Red.*
3 *Gray* Thiſtle. ◉. L. *Waſt banks.* I & Y. *Bluſh.*
4 *Marſh* Thiſtle. ◉. H. *Wet gr.d Bogs.* Y. A *&c.* Red.
5 *Comon* Thiſtle. ⊙. ✶. L. *Paths. Fields. &c.* Com. Y & A. *Red.*
6 *Dwarf* Thiſtle. ⊙. L. *Stoney dry hills.* Y & A. *Red.*
7 *Spear* Thiſtle. ◉. L. *Waſt Banks &c* I. Y *&c.* Red.
8 *Fryers* Thiſtle. ◉. *Hills & Plains.* Rare. I. Y *&c. Red.*
9 *Milk* Thiſtle. ◉. ✶. L. *Banks. Field ſides.* Y & A. *Red.*
10 *Cotton* Thiſtle. ◉. ✶. L. *Paths. Banks &c.* Y & A. Red. *Com.*
11 *Star* Thiſtle. ◉. ✶. L. *Waſt Paths &c.* Aug *&c. Red.*
12 *Yellow* Thiſtle. ◉. *By Hedges &c.* Rare. Y & A. *Yell.*
TAB. XXII. 1 *Peckam* Thiſtle. ⊙. L. *Wet Meads &c.* Y & A. *Red.*
2 *Northern* Thiſtle. ⊙. *Mountains.* Rare. Y & A. *Red.*
3 Saf Flower. ◉. ✶. *Sowed.* Y & A *&c Saffron.*
4 Blue Bottle. ◉. ✶. L. *Corn* Iul *&c Blue*
5 *Broad* Saw-wort. ⊙. H. *Woods.* Y & A. *Red.*
6 *Comon* Saw-wort. ⊙. H. *Woods.* Y & A. *Red.*
7 Matfellon. ⊙. L. *Corn &c* Y *&c* Red.
8 *Comon* Knapweed. ⊙. L. *Paſtures &c* Com. I. Y *&c. Red.*
9 *Jagged* Knapweed. ⊙. L. *Paſtures &c.* I. Y *&c. Red.*
10 *Comon* Scabious. ⊙. ✶. L. *Corn &c.* I. Y *&c.* Fleſh.

11 Field Scabious. ⊙. *Dry hilly gr.d Aug.t Flesh.* L.
12 Devills-bit. ⊙. ✱. *Woody Pastures. Aug. Blew.* H.

TAB. XXIII. *1* Burdock. ◒. ✱. L. Y & A. *Com. Redish.*
2 Rose Burdock. ◒. L. Y. & *Aug.*
3 Small-headed Burdock. ◒. L. Y & A. *Com. Rubish.*
4 Small woolly Burdock. ◒. L. Y & A. *Com. Wast gr.d*
5 Great woolly Burdock. ◒. L. Y & A. *Com. Hedge Paths.*
6 Cobweb Burdock. ◒. *Mont.* Y & A.
7 Manured Teasel. ●. ✱. Sowen. Y & *Aug.* Flesh.
8 Wild Teasel. ●. ✱. L. *Wet ditches.* Y. &c. Flesh.
9 Small Teasel ●. L. *near Waters.* Y & A. White.
10 Sea Eringo. ⊖. ✱ *Sandy Shores.* Y & A. Pale.
11 Comon Eringo. ⊙. *Rare.* Aug.t *White.th*
12 Sanicle. ⊙. ✱ H. *Woods & Hedges.* May. &c. *White.*

SECT. III. Umbelliferous *PLANTS*, Star-foils. &c.

TAB. XXIV. *1* Cow-Parsnep. ◍. L. *Moist gr.d* Iun. &c *White.*
2 Jagged Cow-Parsnep. ◍. *Meads.* Iun. &c *White.*
3 Garden Parsnep. ●. *Sown* Iul. &c. *White.* ✱.
4 Wild Parsnep. ◍. L. *Iul.* &c. Yell.sh
5 Great Hartwort. ◍. *Rare.* Y & A. *White.*
6 Small Hartwort. ◍. L. *Rare.* Y & A. *Flesh.*
7 Hogs Fennel. ⊙. ✱ *Salt Marshes.* Y. &c. Yell.sh
8 Sampire. ⊙. *Sea Rocks.* Aug. *Yell.sh*
9 Angelica. ◍. ✱. Gardens. &c. Y & A. *White.*
10 Water Angelica. ●. H. *Wet places.* Y & A. White.
11 Coriander. ◍. ✱. Sown. *White.*
12 Alexanders. ⊙. ✱. *Sea Rocks.* I & Y.

TAB. XXV. *1* Venus Comb. ●. L. *Corn.* May. &c. *White.*
2 Cow-weed. ⊙. L. *Hedges. Orchards.* May. &c. *Wh.*
3 Wild Chervil. ●. L. Hedges Com. *Iul.* &c. *Wh.*
4 Spignel. ⊙. ✱. *WALES* &c. *Iul* & *A. White.*
5 Water Dropwort. ⊙. L. Wet Meads. &c *White.*
6 Small Water Dropwort. ⊙. L. Shall. Ponds &c *White.*
7 Hemlock Dropwort. ⊙. L. River banks. *Iul* &c. *Wh.*
8 Narrow Dropwort. ⊙. *Rare.* Iun. &c. *White.*
9 Earthnut. ⊙. H. *Sandy gr.d* Iun. &c. *White.*
10 Goutweed. ⊙. ✱. *Gardens* & *Hedges.* White.
11 Bastard Stone Parsley. ◍. L. *Moist Ditches.* Y & A. *Wh.*
12 Hone wort. ◍. ✱. L. *Clay* & *Corn.* Aug. *White.*

TAB. XXVI. *1 Broad* water Parsnep. ⊙. L. *Rivers.* Iul. &c. *Wh.*
2 Narrow water Parsnep. ⊙. L. *Brooks.* Y & A. *Wh.*
3 Creeping water Parsnep. ⊙. L. *Brooks.* Iun. &c. *Wh.*
4 Least water Parsnep. ⊙. L. *Weedy Ponds.* May &c. *Wh.*
5 Great broad Saxifrage. ⊙. ✱ *By Woods.* Iul &c. *Wh.*
6 Great Cut Saxifrage. ⊙. *By Woods.* Iul &c. *Wh.*
7 Small broad Saxifrage. ⊙. L. ✱. *Sandy gr.d*
8 Small Cut Saxifrage. ⊙. L. *Sandy gr.d*
9 Cornwall Saxifrage. ⊙. *Rare.*
10 Carawaies. ◍. ✱ *Marsh Meads.* Iun &c. *Flesh.*
11 Scotch Parsley. ⊙. *Sea Rocks. Wh.*
12 Smallage. ◍. ✱. L. *Sea Marshes.* & *Ditches.* Aug. *Wh.*

TAB. XXVII. *1 Comon* Fennel. ⊙. ✱. *Sea cliffs, banks.* Aug. *Yell.sh*
2 Rock Parsley. ◍. *Rare* White.
3 Mountain Stone Parsley. *Rare* Wh.
4 Comon Carrot. ◍. ✱. L. *Sown.* White.
5 Wild Carrot. ◍. ✱. L. *Lean gr.d* Iul &c. *Wh.*
6 Broad Bur-Parsley. ●. *Corn.* Iul &c *Redish.*
7 Broad jagged Bur-Parsley. ●. *Corn.* Y & A. *Redish.*
8 Finer-leaved Bur-Parsley. ●. L. *Rare.* Corn. *Blush.*
9 Rough Pursley. ●. L. *Thickets, Hedges.* Y & c *Blush.*
10 Corn Rough Parsley. ●. L. *Corn.* Y & c *Wh.*
11 Knotted Rough Parsley. ●. L. *Field banks.* Wh.
12 Fine Rough Parsley. ●. L. C. *Wast banks.* May &c. *Wh.*

TAB. XXVIII. *1 Great water* Hemlock. ⊙. *Brooks* &c. Y & A. *Wh.*
2 Comon Hemlock. ◍. ✱. L. *Com.* Iul &c. *Wh.*
3 Lesser Hemlock. ●. L. *Gard.* & *Corn.* Iul &c. *Wh.*
4 Water Hemlock. ⊙. L. *Mud ponds.* Iul &c. *Wh.*
5 Meadow Saxifrage. ⊙. ✱. H. *Meads.* Iul &c. *Yell.sh*
6 Prickley Sampire. ⊙. *Sandy Sea Sh.* Wh.
7 Least Hares-ear. ●. *Rare.* Iul &c. *Yell.sh*
8 Thorow-wax. ◍. L. *Corn.* Iun &c *Yell.sh*
9 Comon Borage. ●. ✱. *Gardens* &c. Blue.
10 Small wild Bugloss. ◍. L. *Corn* &c. May &c. *Blue.*
11 Great Hounds-tongue. ●. ✱. L. *Wast* &c. Iun. *Purple.*
12 Green Hounds-tongue. ●. L. *Shady Roads.* I & Y. *Purp.*

TAB. XXIX. *1 Vipers* Bugloss. ◍. L. *Barren pl.* Com. Y. *Purp.*
2 Small Vipers Bugloss. ◍. *Corn* & *Sand.* Iul &c. *Purp.*
3 Sea Bugloss. ●. *Sea Shores.* Blue.
4 Long Bugloss-Cowslips ⊙. *Rare.* Purplish.
5 Comfry. ⊙. ✱. L. *River banks.* May &c. *Wh.* or *Purplish.*
6 Blew Gromill. ⊙. *Wales* &c Blue.
7 Shop Gromill. ⊙. ✱. L. *Dry pl. Paths* &c. Iun & c *Pale.*
8 Bastard Gromill. ●. L. *Corn. Wast* &c May &c. *Wh.*
9 Water Scorpion-grass. ○. L. *Mud Ponds.* Iun &c. *Blue* & *Yell.*
10 Field Scorpion-grass. ◍. L. *Fallow gr.d* May &c. *Bl.* & *Yell.*
11 Small Scorpion-grass. ●. L. *Sand-banks. Walls.* May & c *Bl.* & *Ye.*
12 German Madder. ●. *Rare.* Purplish.

TAB. XXX. *1* Cross-wort. *or* Mugweed. ⊙. ✱. L. *Wood hedges.* May &c. *Yel.*
2 Garden Madder. ⊙. ✱. *Tilled.* Iun &c. *Pale.*
3 Wild Madder. ⊙. *Rare.* Iun &c *Yell.sh*
4 Great Smooth Madder. ⊙. L. *Hedges* &c. I & Y. *White.*
5 Small Smooth Madder. ⊙. L. *By Ponds.* Iun &c. *Wh.*
6 Ray.s *Small* Madder. . H. *Heaths* &c. Iul &c. *Wh.*
7 Crosswort Madder. . *NORTH. White.*
8 Yellow Bedstraw. ⊙. ✱ L. *Dry Sunny pl.* Yell.
9 Woodruff. ⊙. ✱. H. *Woods.* May &c. *Wh.*
10 Blew Field Madder. ●. L. *Corn.* Purplish.
11 Cleavers *or* Goose-grass. ●. ✱. L. *Hedges.* Com. *Wh.*
12 Squinancy-wort. ⊙. L. *Chalk-hills.* Iul &c. *Flesh.*

SECT. IV. Verticillate *or* Whirl *PLANTS* &c

TAB. XXXI. *1 Comon* Mother *of* Thyme. ⊙. ✱. L. *Dry gr.d* Y & c Pur.
2 Large flowred Mother *of* Thyme. ⊙. *Dry hills.* Y & c Purp.
3 Upright broad Thyme. ⊙. *Rare.* Aug. *Purp.*
4 Lemon Thyme. ⊙. ✱. *Hilly gr.d* Iun &c *Purp.*
5 Water Whirl-Mint. ⊙. L. *By Ponds.* Y & c Redish.
6 Comon Water Mint. ⊙. L. *Wet ditches. Rills.*
7 Red Mint. ⊙. ✱. *Iul* &c Redish.
8 Cross Whirl-Mint. ⊙. *Iul* &c Redish.
9 Essex *Pepper* Mint. ⊙ *Aug.* Redish.
10 Eales *Pepper* Mint. ⊙. ✱. *Aug.* Redish.
11 Long Horse-Mint. ⊙. *Aug.* Pale. *By Brooks.*
12 Round Horse-Mint. ⊙. *River sides.* Aug. *Pale.*

TAB. XXXII. *1* Nep *or* Cat-Mint. ⊙. ✱. L. *Iun* &c. *Hedges.* Flesh.
2 Penny-Royal, *or Pudding grass.* ⊙. ✱. L. *Wet Ponds.* Aug.
3 White Horehound. ⊙. ✱. L. *By Ways. Wast gr.d* Iul &c *Wh.*
4 Stinking Horehound. ⊙. ✱. L. *Hedges.* Com. Y & A. *Purp.*
5 Water Horehound. ⊙. L. *Brookside* &c Y & c Wh.
6 Wood Bitony. ⊙. ✱. H. *Woods* &c Iun & c *Redish.*
7 Hedge Nettle. ⊙. L. *Hedges* &c. May & c *Purp.*
8 English Clary. ◒. ✱. L. *Stone* & *Gravel.* Y & A. *Blue.*
9 Great Wild Basil. ⊙. L. *Thickets* &c Y & A. *Purp.*
10 Small Wild Basil. ◍. L. *Dry Chalk hills* &c Iun & c *Purp.*
11 Comon Self-heal. ⊙. ✱. L. *Pastures* &c I & A. *Purp.*
12 Base Horehound. ◒. *Hills. Paths.* Iun &c *Purp.*

TAB. XXXIII. *1 Ground Ivy, or* Ale hoof. ⊙. ✱. L. C. *Hedges.* Blue. *Apr.*
2 Red Arch-Angel. ◍. ✱. L. *Com. Hedges* &c. Apr. May & c *Red.*
3 Red cut leav'd Arch-Angel. ◍. L. *Gard.* & *Corn.* May. *Red.*
4 Great Henbitt. ●. L. *Fields.* & *Gardens.* Purp.
5 White Arch-Angel. ⊙. ✱. L. C. *Hedges* &c Apr & c *Wh.*
6 Yellow Arch-Angel. ⊙. H. *Shady Hedges. Woods.* May & c *Yell.*
7 Bastard Balm. ⊙. *Woods.* Rare. *Redish.*
8 Purple Nettle-Hemp. ●. H. *Corn* & c Y & Aug. *Purp.*
9 Clowns All Heal. ◍. ✱. L. *By Brooks* &c Iul &c. *Purp.*
10 Yellow Ironwort. ⊙. *Corn.* Rare. *Iul.* Yell.
11 Narrow Ironwort. ●. L. *Corn.* July. *Red.*
12 Round Ironwort. ◍. L. *Corn.* I & Y. *Redish.*

TAB. XXXIV. *1 Comon* Calamint. ⊙. ✱. L. *Paths* & *Hedges.* I & Y. *Flesh.*
2 Field Calamint. ⊙. ✱. L. *Paths. Hedges* &c Y & A. *Flesh.*
3 Comon Bugle. ⊙. ✱. L *Woods. Wet Meads.* May &c *Blue.*
4 Mountain Bugle. ⊙. *Rare. WALES. Blew.*
5 Motherwort. ⊙. ✱. *Wast Gardens.* Y & A. *Purp.*
6 Scordium. ⊙. ✱. *Fens.* Rare. *Purp.*
7 Wood Sage. ⊙. ✱. H. *Woods.* Y & A. *Pale.*
8 Wild Marjoram. ⊙. ✱. *Hedges. Thickets.* Blush Y & A.
9 Ground-Pine. ●. ✱. *Corn* & c. I & Y.
10 Hood-Mint. ⊙. L. *River sides.* Iul &c *Blue.*
11 Small Hood-Mint. ⊙. H. *Bogs.* Aug. *Blush.*
12 Vervain. ⊙. ✱. L. *Paths. Walks.* Y & A. *Flesh.*

TAB. XXXV. *1 Small* Toad-Flax. ◍. L. *Corn* &c. I & Y. *Blush.*
2 Small Snap-Dragon. ●. L. *Corn* &c. I & Y. *Redish.*
3 Pointed Fluellin. ◍. L. *Corn* &c. Yell. & Purp. I & Y.
4 Round Fluellin. ◍. L. ✱. *Corn* &c Yell. & Purp. I & Y.
5 Comon Toad-Flax. ⊙. ✱. L. *Barren fields.* Aug. *Yell.*
6 Blewish sweet Toad-Flax. ⊙. *Hedges.* Rare. Y & A.
7 Butterwort. ⊙. *Bogs* &c I & Y. *Blewish.*
8 Purple Foxglove. ⊙. ✱. H. *Warrens* &c Y & Aug.
9 Brown Fig-wort. ⊙. ✱. L. *Thickets* &c. Y & A. *Red.*
10 Water Fig-wort. ⊙. ✱. L. *Water sides.* I & Y. *Red.*
11 Sage Fig-wort. ⊙. *Rare.*
12 Comon Henbane. ◍. ✱. L. *Wast Rubish* &c I & Y. *Pale.*

TAB. XXXVI. *1 Quick in hand Touch me not.* ◍. *Rare.* Y & A. *Yell.*
2 Yellow Rattle. ◍. L. *Pastures.* Iun &c.
3 Tall Red Rattle. ◍. L. *Marshes* &c Iul. *Red.*
4 Comon Red Rattle. ◍. H. *Wet Heaths* &c. Iun. Y & A.
5 Comon Eye-bright. ◍. ✱. L. *Pastures* &c Y. to Oct. *White.*
6 Yellow Marsh Eye-bright. ◍. *Rare.*
7 Red Eye-bright. ●. H. *Corn. Wet gr.d* I & Y.
8 Orton Red Eye-bright. . *Rare.*
9 Comon Cow-wheat. ●. H. *Woods* &c. I & Y.
10 Crested Cow-wheat. ●. *Woods* &c. Purp & Yell.
11 Great Bladder-snout. ⊙. L. *Bogs* & *Fens.* Yell.
12 Small Bladder-snout. ⊙. *Rare.* Moors & c *Yell.*

TAB. XXXVII. *1 Purple* Violet. ⊙. ✱. L. *Gardens* &c. March.
2 Double Violet. ⊙. *Rare.* Gardens &c.
3 White Violet. ⊙. . . *Hedges* &c.
4 Dogs Violet. ⊙. H. *Woods* & c Apr. &c.
5 Bog Violet. ⊙. *March* &c.
6 Yellow Rock Violet. ⊙. *WALES* & c I & Y.
7 Hairy Wood Violet. ⊙. *Wood sides.*
8 Garden Pansie. ◍. ✱. *Corn* & c I & Y. *Mixt.*

9 *Corn* Pansie. ●.L. *Corn &c.* I & Y. *Yell & Purple.*
10 *Great Yellow* Pansie. ⊙. *WALES. high Bogs.* May &c.
11 *Base* Dyers-weed. ●. *Chalky gr:d* Iul &c. *Pale.*
12 *Comon* Dyers-weed. ●.L.*x. Walls &c.* Y & Aug: *Yellsh*

SECT. V. Bur & Starheaded *PLANTS.*

TAB. XXXVIII. 1 Pilewort. ⊙.*.L. *Wet Meads &c.* M & Apr. *Yell.*
2 *Sweet Wood* Crowfoot ⊙.H. *Woods.* Apr. *Yell.*
3 *Upright Meadow* Crowfoot. ⊙.L. *Meads.* Com. *May &c.* Yell.
4 *Bulbous* Crowfoot. ⊙.L. *Meads &c Com.* M & Iun. *Yell.*
5 *Pale upright* Crowfoot. ◍.L. *Dry Ponds.* May &c. *Yell.*
6 Doody.[s] *tryfid* Crowfoot ◍L. *Banks &c.* May. *Yell.*
7 *Creeping* Crowfoot. *or Buttercups* ⊙. *Wet Meads.* Com. *May.*
8 *Thames* Crowfoot ⊙L. *River sides.* Com. *May &c.* Yell.
9 Ray.[s] *Hairy* Crowfoot ◍.L. *Ditch banks.* May. *Yell.*
10 *Corn* Crowfoot ◍.L. *Corn.* May &c. *Yell.*
11 *Smalage* Crowfoot ◍.L. *Ponds &c.* Com. M. I. Y. A. *Yell.*
12 *Ivy* Crowfoot. H. *Shallow waters.* May &c. *White.*

TAB. XXXIX. 1 *Water* Crowfoot. *with various leaves* ⊙.L. *Wh.*
2 *Fine Water* Crowfoot ⊙.L. *May &c.* White.
3 *Fine Trimed Water* Crowfoot. ⊙.L. *Muddy Ponds.* May &c. *Wh.*
4 *Fennel Water* Crowfoot. ⊙. *Ponds &c.* M. I. Y. *Wh.*
5 *Great* Spear-wort. ⊙.L. *Fens &c* I & Y. *Yell.*
6 *Small* Spear-wort. ⊙.L. *Wet Meads &c.* I. Y. A. *Yell.*
7 Mouse Tail. ●.L. *Corn. Wet gr:d &c.* A & May. *Yellsh*
8 Adonis *Flower. Red Maithes.* ●. *Corn.* Iun. &c.
9 *Comon* Mallow. ⊙.*.L. *Ditches &c.* M. I. Y. A. *Purp.*
10 *Dwarf* Mallow. ⊙. *Sandy Wast gr:d* Y & A. *Flesh.*
11 *Marsh* Mallow. ⊙.*. *Salt Marshes.* I. Y &c. *Flesh.*
12 *Vervaine* Mallow. ⊙.L. *Fields &c.* Y. A. *Purplish.*

TAB. XL. 1 Avens, *Herb* Bennet. ⊙.*.L. *Woods. Hedges.* Yell.
2 *Great flowred* Avens. ⊙. *Rare.* May &c. *Yell.*
3 *Mountain* Avens. ⊙. *WALES &c. Redish.* May &c.
4 *Childing* Avens. ⊙. *Rare.* M & I. *Redish.*
5 *Cinquefoil* Avens. ⊙. *SCOTLAND. Rare.* Yell.
6 *Germander* Avens. ⊙. *IRISH. Mount:s* Wh.
7 *Comon* Strawberry. ⊙.*.L. *Woods.* May &c. *Wh.*
8 *Barren* Strawberry. ⊙.H. *Banks &c.* Apr. *Wh.*
9 *Wood* Anemony. ⊙.H. M & Apr. *Blush.*
10 Pasque *Flower.* ⊙. *Heaths &c.* M & I. *Purple.*
11 Travellers Joy. ⊙.L. *Wood Hedges.* Aug *to* Dec. *Wh.*
12 *Plain* Travellers Joy. ⊙.L. *Same &c.*

TAB. XLI. 1 *Comon Marsh* Cinquefoil. ⊙. *Bogs.* Purp.
2 Irish *Marsh* Cinquefoil. *Bogs.* Rare.
3 *Comon* Cinquefoil. ⊙.*.L. *Banks &c.* Y & A. *Yell.*
4 *Small rough* Cinquefoil. ⊙. *YORKSHIRE. Yell.*
5 *Tormentil* Cinquefoil. ⊙.L. *Sandy gr:d* Iun &c. *Yell.*
6 *Upright Welsh* Cinquefoil. ⊙. *Mount:s* Yell.
7 *Scotch* Cinquefoil. ⊙. *Woods.* Rare. *Yell.*
8 *Shrub* Cinquefoil. ⊙ *YORK-SH &c.* I & Y. *Yell.*
9 Tormentil, Septfoyl. ⊙.*H. *Heaths. Woods.* Y &c. Yell.
10 *Plots Tormentil.* ⊙. Corn &c. Y & A. *Yell.*
11 Silver *weed wild* Tansey. ⊙.*.L. *Dry Ponds &c.* Y & A. *Yell.*
12 Moscatel. ⊙.L. *Shades &c* Mar & Apr. *Greenish.*

TAB. XLII. 1 Orpine, *or* Live-long. ⊙.*.L. *Shadey Hedges.* I & Y.
2 Rose-Root. ⊙.*. *Mount:s* Rare. I & Y. *Redish.*
3 Navel-wort. ⊙.*. *Old Walls. Rocks.* Y & A. *Pale.*
4 Houseleek. ⊙.*.L. *On Houses &c.* I. Y. A. *Blush.*
5 *Comon Yellow* Sengreen. ⊙.L. *Houses. Walls.* I & Y. *Yell.*
6 *Crooked Yellow* Sengreen. ⊙. *Walls &c.* I & Y. *Yell.*
7 *Purple marsh* Sengreen. ◍. *Moist Rocks. NORTH.*
8 *Bristol* Sengreen. ⊙. *Rocks.* Rare. Y & A. *Yell.*
9 Stonecrop, *or Wall Pepper.* ⊙. *Houses. Walls.* Iun. *Yell.*
10 *Mild white* Stonecrop. ⊙. *Rocks.* Apr &c. *Blush.*
11 *Green* Bares-foot. ⊙. *CAMBR: & SUSSEX.* Apr. *Green.*
12 Setterwort. ⊙. *Hedges.* Rare. *Febr. &c.* Greenish.

TAB. XLIII. 1 *Marsh* Marygold. ⊙.L. *Wet Meads.* Apr &c. *Yell.*
2 *Globe* Crowfoot. ⊙. *Hilly Meads NORTH. Yell.*
3 *Water* Gladiole. ⊙. *Muddy Rills &c.* I & Y. *Flesh.*
4 Columbines. ⊙.*. *Woods &c.* Blue.
5 Star *water* Plantain. ⊙.L. *Ponds.* I & Y. *Flesh.*
6 *Broad water* Plantain. ⊙. *x.* L. *Ponds &c.* I & Y. *Flesh.*
7 *Narrow water* Plantain. ⊙.L. *Ponds &c.* I & Y. *Flesh.*
8 *Small water* Plantain. ⊙.L. *Rare.* Ponds. *Flesh.*
9 *Grass* Arrowhead. ⊙. *Rivulets.*
10 *Broad* Arrowhead. ⊙.L. *Rivers &c.* I & Y. *Wh.*
11 *Narrow* Arrowhead. ⊙.L. *Rivers &c.* I & Y. *Wh.*
12 *Small* Arrowhead. ⊙.L. *Rivers.* Rare. *Wh.*

TAB. XLIII. 1 *White* Briony. ⊙.*.L. *Hedges.* I & Y. *Pale.*
2 *Black* Briony. ⊙. *x.* L. *Hedges &c.* Pale.
3 *Herb* Christopher. ⊙. *Woods.* I & Y. *Pale.*
4 *Butchers* Broom. ⊙.*.L. *Heaths. Hedges &c.* Pale.
5 Solomons-seal. ⊙.*. *Woods &c.* Whitish.
6 *Sweet* Solomons-seal. ⊙. *Rocky Woods.* May &c.
7 Lilly-Convally. ⊙.*.H. *Woods. Heaths.* May &c. *Wh.*
8 *Herb Paris. One Berry.* ⊙. May &c. *Greenish.* Woods &c.
9 Bitter sweet. ⊙.*.L. *By Ponds.* I & Y. *Blue.*
10 *Comon* Nightshade. ◍.*.L. *Dunghills &c.* Wh. *July.*
11 Dwale *Deadley* Nightshade. ⊙. *Rubish &c.* Brownish.
12 *Wild* Sparagus. ⊙. *Sea Marshes.* Pale.

SECT. VI. *PLANTS with* 4 Leav'd Flowers.

TAB. XLV. 1 Jack *by y^e* Hedge. ●.*.L. *Banks.* I & Y. *White.*
2 *Treacle* Wormseed. ●. *x. Fens.* Iul &c. *Yell.*
3 Wall-Flower, *or* Stock. ⊙.*.L. *Walls.* Apr. &c. *Yell.*
4 *Sea* Stock Gylly Flower. ●. *Welsh coasts &c.* Y & A Purp
5 *White Thorow* Colewort. ●. *Rare.* Jun. &c. *Wh.*
6 *Sea* Colewort. ●. *Dover Cliffs.* Yell.
7 *Round* Turnep. ●.*.L. *Fields* Sowen. *Yell.*
8 *Long* Turnep. ●. *x.* L. *Fields* Sowen. *Yell.*
9 *Wild* Navew. ●. *x.* L. *Banks.* Com. *Apr. M & I* Yell.
10 *White* Mustard. ●. *x.* L. *Ditches &c.* I & Y. Yell.
11 *Comon* Mustard. ●.*.L. *Ditches &c.* I & Y. Yell.
12 *Wild* Mustard. ●. *x.* L. *Corn* Com. *Iul. &c* Yell.

TAB. XLVI. 1 *Winter* Cress. ⊙.L.*. *Wet Ditches.* M & I. Yell.
2 *Early Winter* Cress. ⊖. *Apr.* Yell.
3 *Hedge* Mustard. ●.*L. *Wast gr:d &c* Y & A. Yell.
4 *Broad Hedge* Mustard ●L. *Banks &c.* May & I. *Yell.*
5 *Water* Rocket. ⊙.L. *Wet Ditches.* I & Y. Yell.
6 *Sea* Rocket. ●. *Sandy Shores* Y & A. Purplish.
7 *Man* Rocket. ◍ *Sea Shores.* Yell.
8 *Wall* Rocket. ⊙ *LOND. Walls* Com. Y A &c. *Yell.*
9 *Garden* Radish. ●.L. *Gard. & Fields* Iul. &c *Blush.*
10 *White* Charlock. ◍.L *Corn* Com. I & Y. *Pale.*
11 *Great White* Charlock. ●. *Rare.*
12 Flixweed. ●.*L. *Old Walls. Ruins* Y & A. Yell.

TAB. XLVII. 1 *Bitter* Cress. ⊙.L. *Wet Ditches* I & Y. Wh.
2 *Water* Cress. ⊙.*.L. *Rivulets.* Com. Y & A. *Wh.*
3 *Early water* Cress. ⊙ L. *Rivulets.* Iune. *Wh.*
4 *Hairy* Cress. ⊙ L. *River sides &c.* Apr: May. *Wh.*
5 *Lady smock or* Cress. ⊙. *x* L. *Wet Meads.* Apr. *&c Blush.*
6 *Double Lady* Cress. ⊙. *Rare.* Blush.
7 *Impatient* Cress. . *Rills &c.* White.
8 *Trefoild* Cress. ⊙. *Rare.* Blush.
9 *Daisy* Cress. ⊙. *Rocks &c.* Rare. *Wh.*
10 *Tower* Mustard. ⊖ L. *Walls &c* I & Y. Pale.
11 *Great Tower* Mustard. ⊖. *Rare.* Pale.
12 *Daisy Tower* Mustard. ●. *Sandy dry gr:d* Wh.

TAB. XLVIII. 1 *Thale* Cress. ◍L. *Walls. Sandy gr:d* Apr &c *Wh.*
2 *Broad Thale* Cress. ●. *Walls.* Apr &c. *Wh.*
3 *Wreathed* Cress. ◍. *Wales &c.* I & Y. Wh.
4 *Small wreath* Cress. . *Wales.* Apr & M. *Wh.*
5 *Speedwell* Cress. ◍. *Hill sides.* Apr &c. *Wh.*
6 *Whitlow* Cress. ●.*L. *Walls &c.* Mar. & Apr. *Wh*
7 *Notched Whitlow Cress.* *Banks & Walls.* Apr. *Wh.*
8 *Irish Rush* Cress. *Loughs & Meers.*
9 Woad. ◍.*. *Fields.* Sowed *Iun. &c* Yell.
10 Pepper-wort. Dittander. *. *Water sides* Y & A. Wh. ⊙
11 Gold *of Pleasure.* ●. *Flax fields.* Y &c. Yell.
12 *Sea grape* Colewort. ⊙. *Sandy Shores.* Wh.

TAB. XLIX. 1 *Garden* Scurvy-grass. ◍.*. *Gard &c.* Apr *Wh.*
2 *Sea* Scurvy-grass. ◍.*. *Salt Marshes* Wh.
3 *Ivy* Scurvy-grass. ●. *Sea Shores.* Wh.
4 Sheaperds-purse. ●.*L. *Wast gr:d* Com. *Mar. to Nov.* Wh.
5 *Ragged* Sheaperds-purse. ◍. *Banks &c.* A M. & Iun *Wh.*
6 *Small* Sheaperds-purse. ◍ L *Apr &c* Wh. *Walls &c.*
7 *Whole* Sheaperds-purse. ●. L *Banks. Walls.* Apr. *&c Wh.*
8 *Broad* Water-Radish. ⊙L. *Slow Waters.* I & Y. Yell.
9 *Small jagged Water* Radish. ⊙. *x* L. *Wet ponds* I & Y. Yell.
10 *Great jagged Water* Radish. ⊙ L. *Watery places.* I & Y. Yell.
11 *Broad Horse* Radish. ⊙.*. *Gard. & Wet Ditches.* Wh.
12 *Jagged Horse* Radish. ⊙.*. *Gard &c.* Wh.

TAB. L. 1 *Narrow wild* Cress. ●. *Sea Coasts.* Y & A. Wh.
2 *Sheaperds*-Cress. ●L. *Sandy gr:d* May &c. *Wh.*
3 Welsh *Rock* Cress. . *Mount.* Rare.
4 *Fine* Cress. ●. *St Vincents* Rock. *Wh*
5 *Valencia* Cress. ●. *Salsbury* Plain. *Pale.*
6 *Wart or Swines* Cress. ●L. *Wet banks &c.* I & Y. Wh.
7 *Comon* Cow-Cress. ◍. *x.* L. *Corn &c.* I & Y.
8 *Smooth* Cow-Cress. ●. *Rare.*
9 *Penny* Cress. ◍. *x. Corn* I & Y. Wh.
10 *Hoary* Cress. ⊙. *Wales &c.* Mount. *Wh.*
11 *Wood* Cress. ● *Hilly Pastures.* North *Wh.*
12 *Small Thorow* Cress. ●. *Stone pitts &c.* Wh.

MARKS & LETTERS *Explained.*

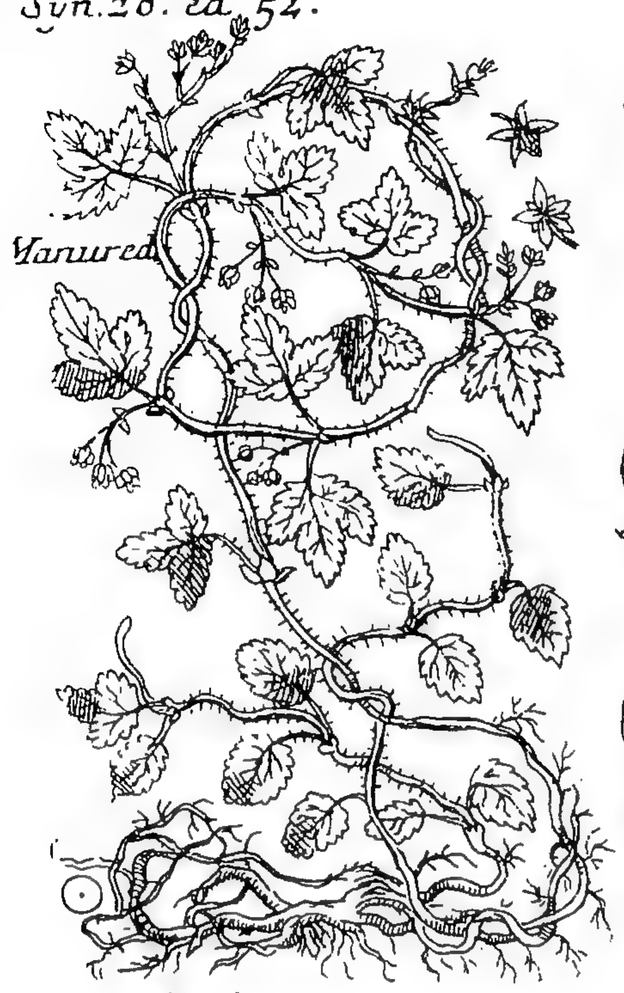
●. Signifies *an* ANNUAL Plant. *w:ch dies* Yearly.
◒. *A Biennial* Plant. *w:ch lives* 2 Years.
⊙. *A Perennial* Plant *or* Tree.
*. *A* Plant *of* Noted *VERTUE.* x. *A* Plant *of* Less.
H. *Plants* growing *ab:t Hamsted* Heath &c.
L. Plants *growing within* 10 Mile[s] *of LONDON.*
M & I. *Plants* Flowring *in* May & Iune.
I & Y. *In* Iune & Iuly. Y & A. *In* Iuly & August.

This, or a Latine Catalogue, *and ye Dry Samples of y^e Plants themselves may be had, if desired, from y^r humble Servant*

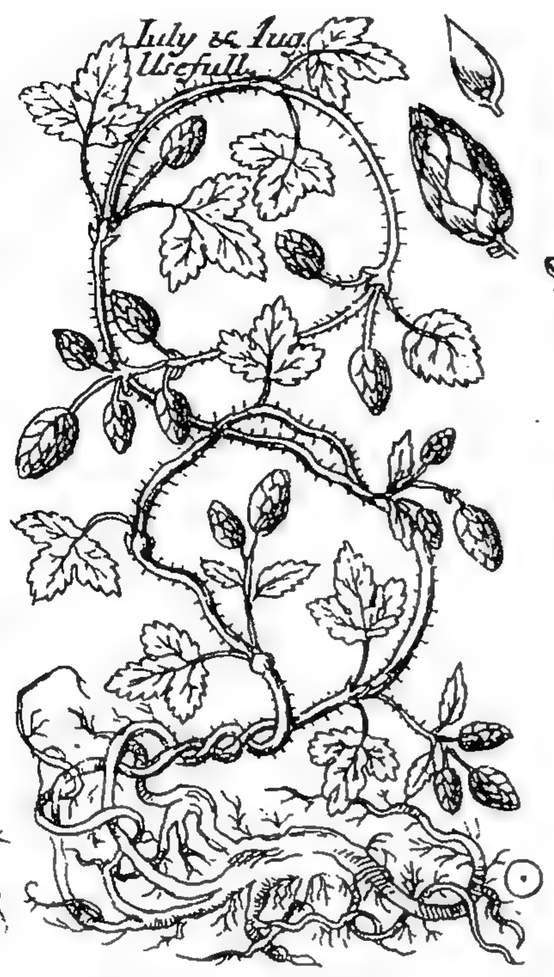
In Aldersgate street. *James Petiver.*

ENGLISH PLANTS *with* BLINK *Flowers.* *TAB* 1.

1 *Male* HOPS.
RAY HIST. PLANT. 156 Syn. 28. ed. 52.



2. *Female* HOPS.
RAY HIST & Syn idem



3. *Male* HEMP.
RAY. H. Pl. 158. 1. Syn. 28. ed. 53.



4. *Female* HEMP.
RAY HIST. & Syn. idem.



5. *Male Dogs* MERCURY.
RAY 163. 1. Syn. 29. edit. 2. p. 53. 1.



6. *Female Dogs* MERCURY.
RAY 163. 1. Syn. 29. ed. 53. 1.



7. *Male French* MERCURY.
RAY 163. 2. S. 29. ed. 54.



8. *Female Fr.* MERCURY
RAY 163. 2. S. 20. ed. 54.



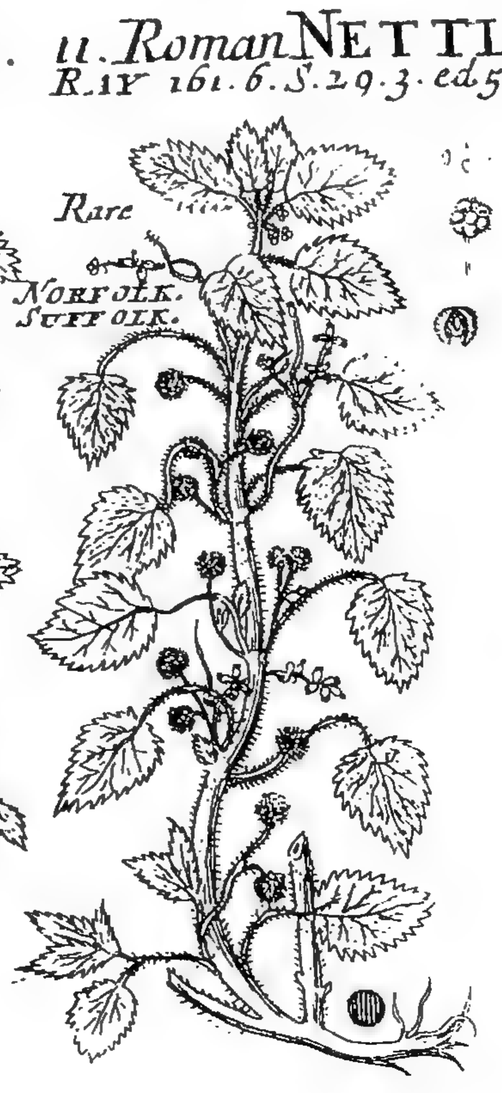
9. *Great* NETTLE.
RAY 160. 4. S. 20. ed 54. 1.



10. *Small* NETTLE.
RAY 161. 5. S. 29. ed 54.



11. *Roman* NETTLE.
RAY. 161. 6. S. 29. 3. ed 54. 3.



12. *Small* BURDOCK.
RAY. 165. 1. S. 20. ed. 55.



Sutton Nicholls sculp.

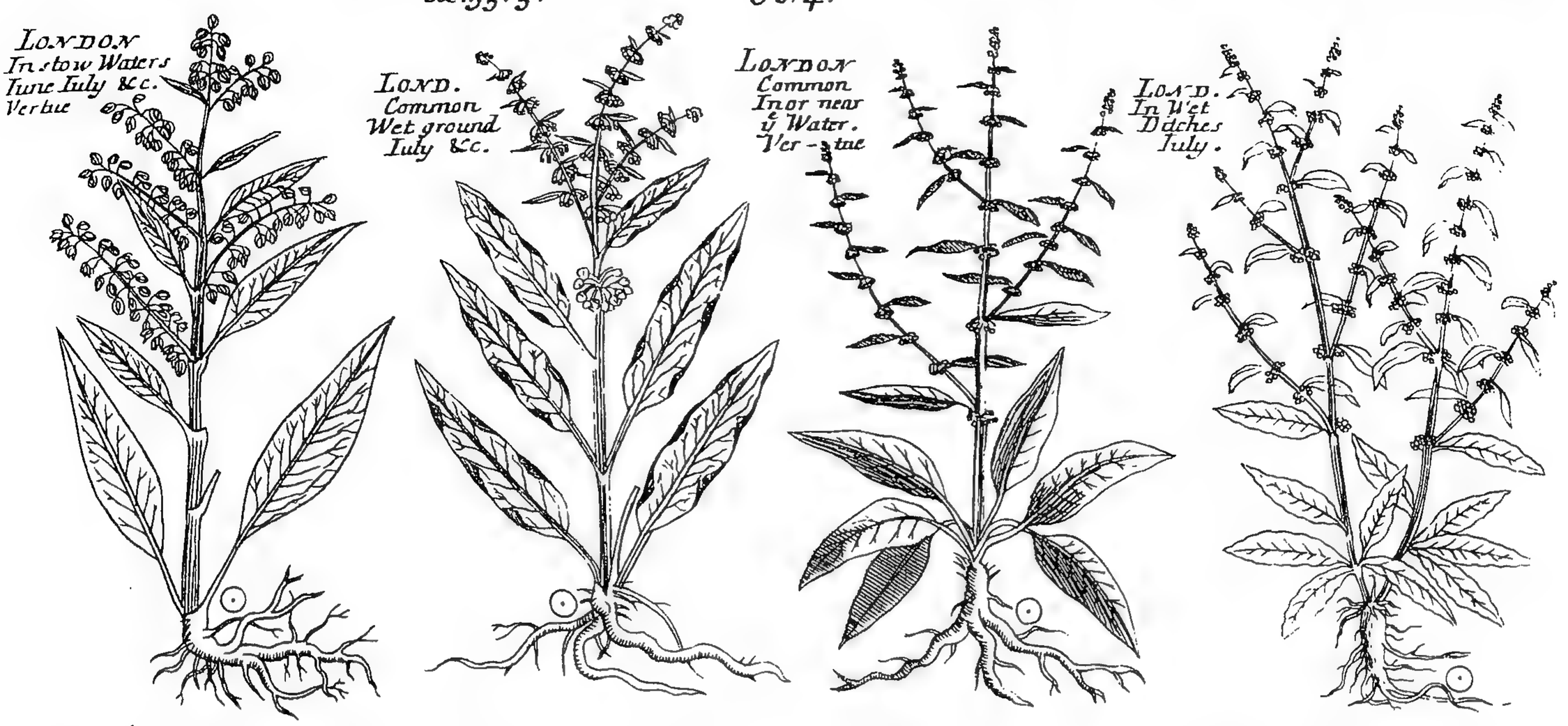
ENGLISH PLANTS *with* BLINK *Flowers*. *TAB.* II.

1. Great Water DOCK. *Ray 177. 4. Syn 30. 1. ed 55. 1.*

2. Curl'd Sharp DOCK. *Ray 173. 6. Syn. 30. 3. ed. 55. 3.*

3. Smooth Sharp DOCK. *Ray 173. 7. Syn 30. 4. ed. 56. 4.*

*4. Small Sharp-*DOCK. *Ray 174. Syn 31. edit. 2. 5 6.*

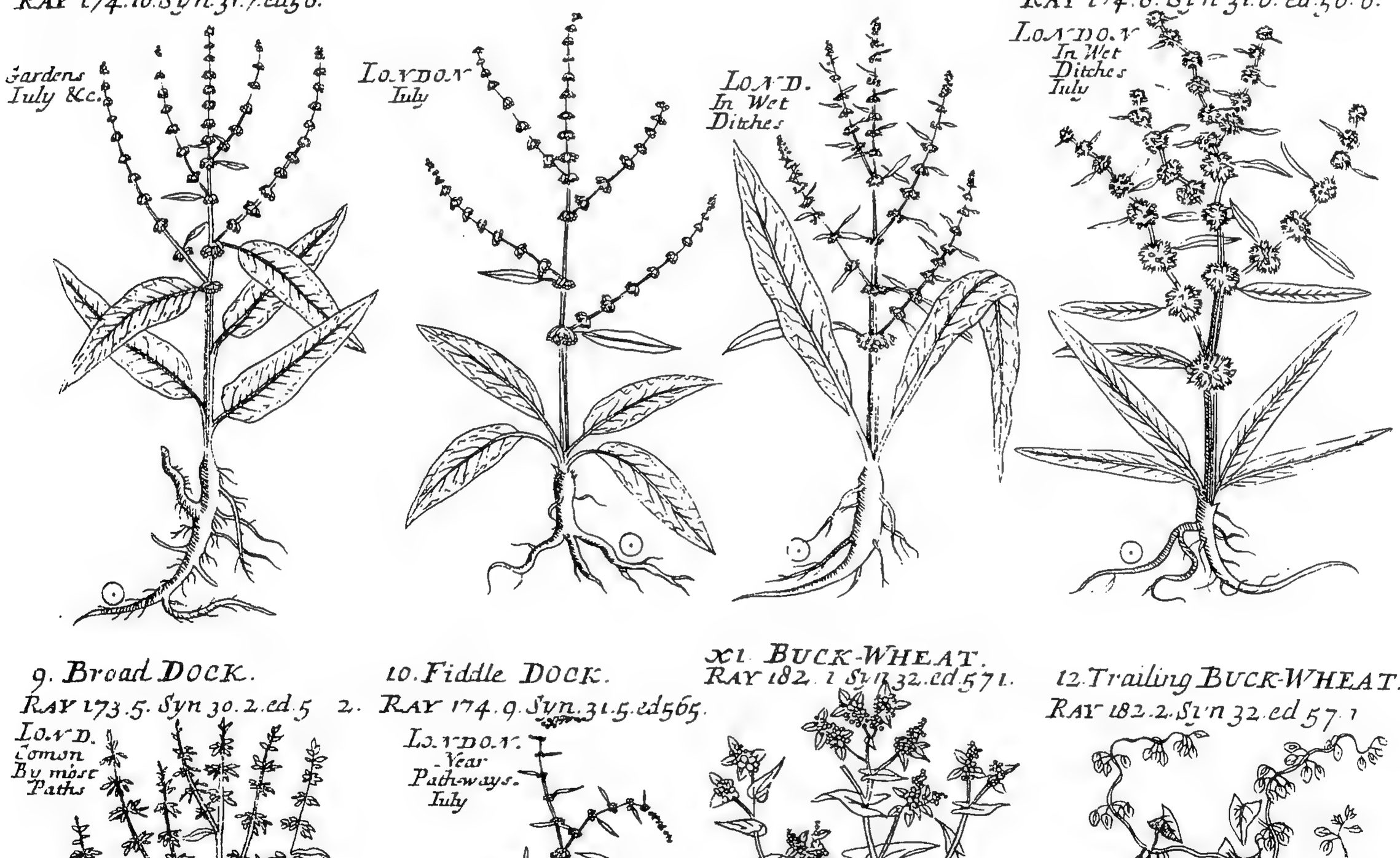


5. Blood-vein'd DOCK. *Ray 174. 10. Syn 31. 7. ed 56.*

6. Bloodless DOCK.

7. Gold DOCK.

8. Bur Gold DOCK. *Ray 174. 8. Syn 31. 6. ed. 56. 6.*



9. Broad DOCK. *Ray 173. 5. Syn 30. 2. ed. 5 2.*

10. Fiddle DOCK. *Ray 174. 9. Syn. 31. 5. ed 565.*

11. BUCK-WHEAT. Ray 182. 1 Syn 32. ed 571.

12. Trailing BUCK-WHEAT. Ray 182. 2. Syn 32. ed 57. 1



● *Signifies* ANNUAL
⊙ *Signif.* PERENNIAL

S N Sculp

ENGLISH PLANTS *with* BLINK *Flowers.* *TAB.* III.

1. Common SORREL. *RAY 178. 1. S. 3 1 8. ed 56. 8.*

2. Sheeps SORREL. *RAY 180. 4. S. 3 1. 9 ed 56. 9.*

3. Barren SORREL.

4 Welsh SORREL *RAY Syn 31. 10. ed 57. 10.*



5. Common ARSMART. *RAY 182. S. 32. ed 58. 1.*

6 Creeping ARSMART. *RAY 183. 3. S. 32. ed. 58. 2.*

7 Spotted ARSMART. *RAY 183. 2. S. 32. 3. ed 58. 3.*

8. Spotted hoary ARSMART.



9. Silver ARSMART. *10. White branch'd* ARSMART. *11* BOBARTS *Arsmart.* *12. Amphibious* ARSMART.

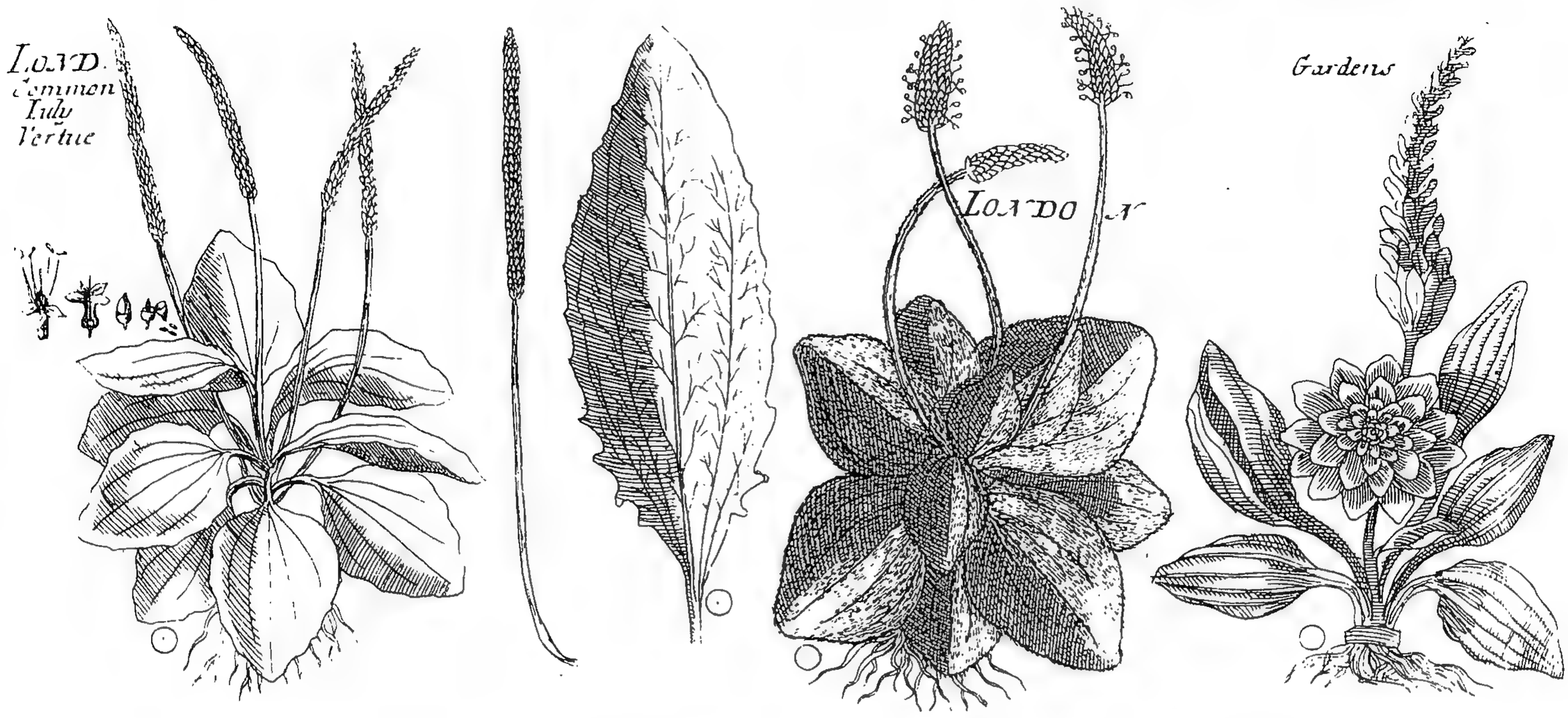
RAY Syn. ed. 2. p. 58. *RAY. 184. 6. Syn 32 4 ed 58 4.*



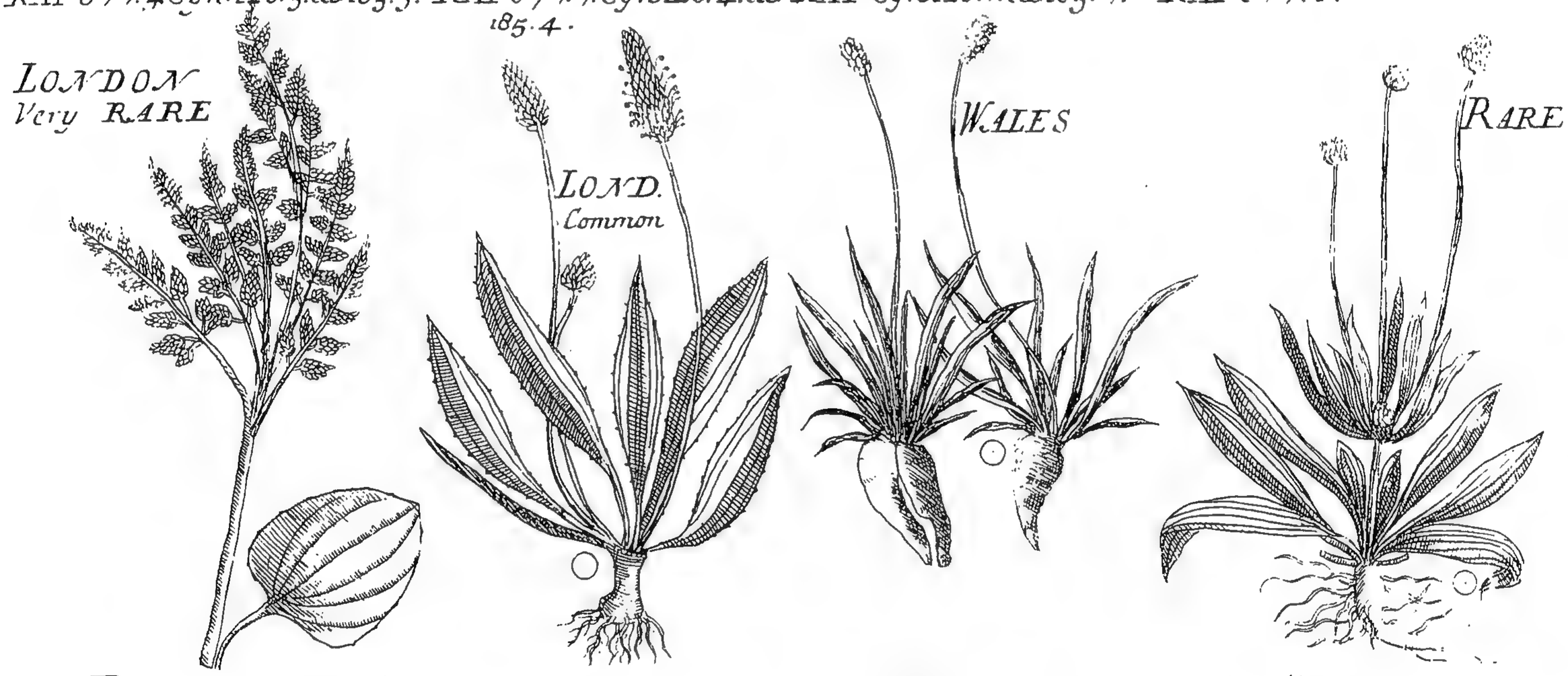
Sutton Nicholls sculp

ENGLISH PLANTS *with* BLINK *Flowers. TAB:* IIII

1. Common PLANTAIN. *2. Dented* PLANTAIN. *3. Hoary* PLANTAIN. *4 Rose &* Spiked PLANTAIN.
RAY 876. 1. Syn. 125. 1. ed. 184. 1. *RAY 877. 5. Syn. 126. 2. ed. 184. 2.* *RAY 876.*



5. Besom PLANTAIN. *6. Common* RIBWORT. *7. Mountain* RIBWORT. *8. Childing* RIBWORT.
RAY 877. 4. Syn. 126. 3. ed. 185. 3. *RAY 877. 7. Syn. 126. 4. ed. 185. 4.* *RAY Syn. 126. 7. ed. 185. 7.* *RAY 877. 1.*



9. Sea PLANTAIN. *10. Bucks-horn* PLANTAIN. *11. Great* BURNET. *12. Small* BURNET.
RAY 880. 5. Syn. 126. 5. ed. 185. 5. *RAY 879. 3. Syn. 126. 6. ed. 185. 6.* *RAY 402. 2. Syn. 162. 1. ed. 100.* *RAY 401. 1. Syn. 162. 2. ed. 100.*



Sutton Nicholls sculp.

ENGLISH PLANTS *with* BLINK *Flowers.* TAB. V.

1. *Common Great* BISTORT.
RAY. 186. 1. Syn. 33. ed. 59.





4. *Broad* PONDWEED.
RAY 188. 1. S. 34. 1. ed. 60. 1.



5. *Long* PONDWEED.
RAY 188. 2. Syn. 34. 2. ed. 61. 2.

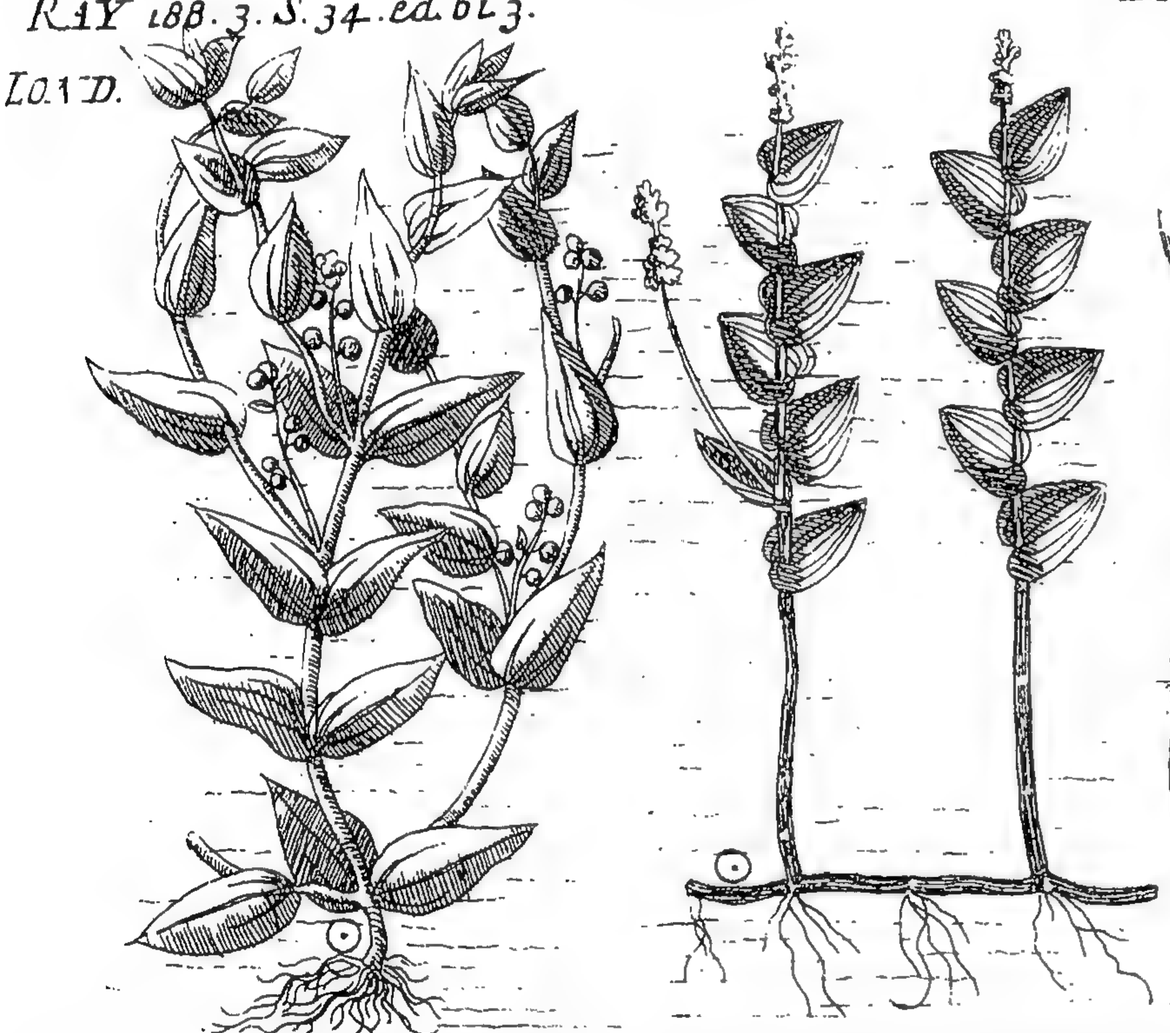


6. *Round* PONDWEED.
RAY 188. 3. S. 34. ed. 61. 3.

7. *Heart* PONDWEED.

8. *Plain* PONDWEED.
RAY 189. 4. S. 34. 4. ed. 614.

9. *Curld* PONDWEED.
RAY 189. 5. S. 34. 5. ed. 615.

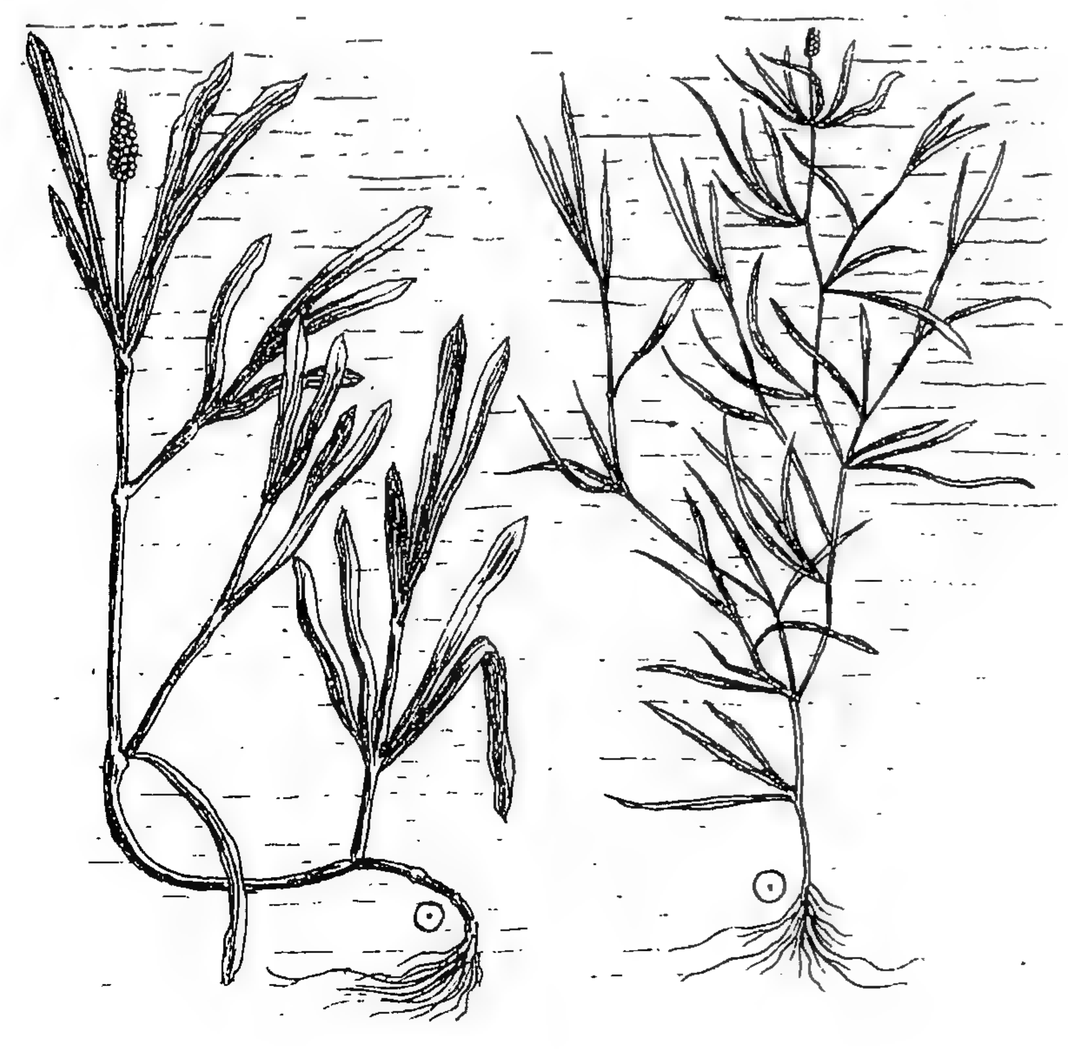


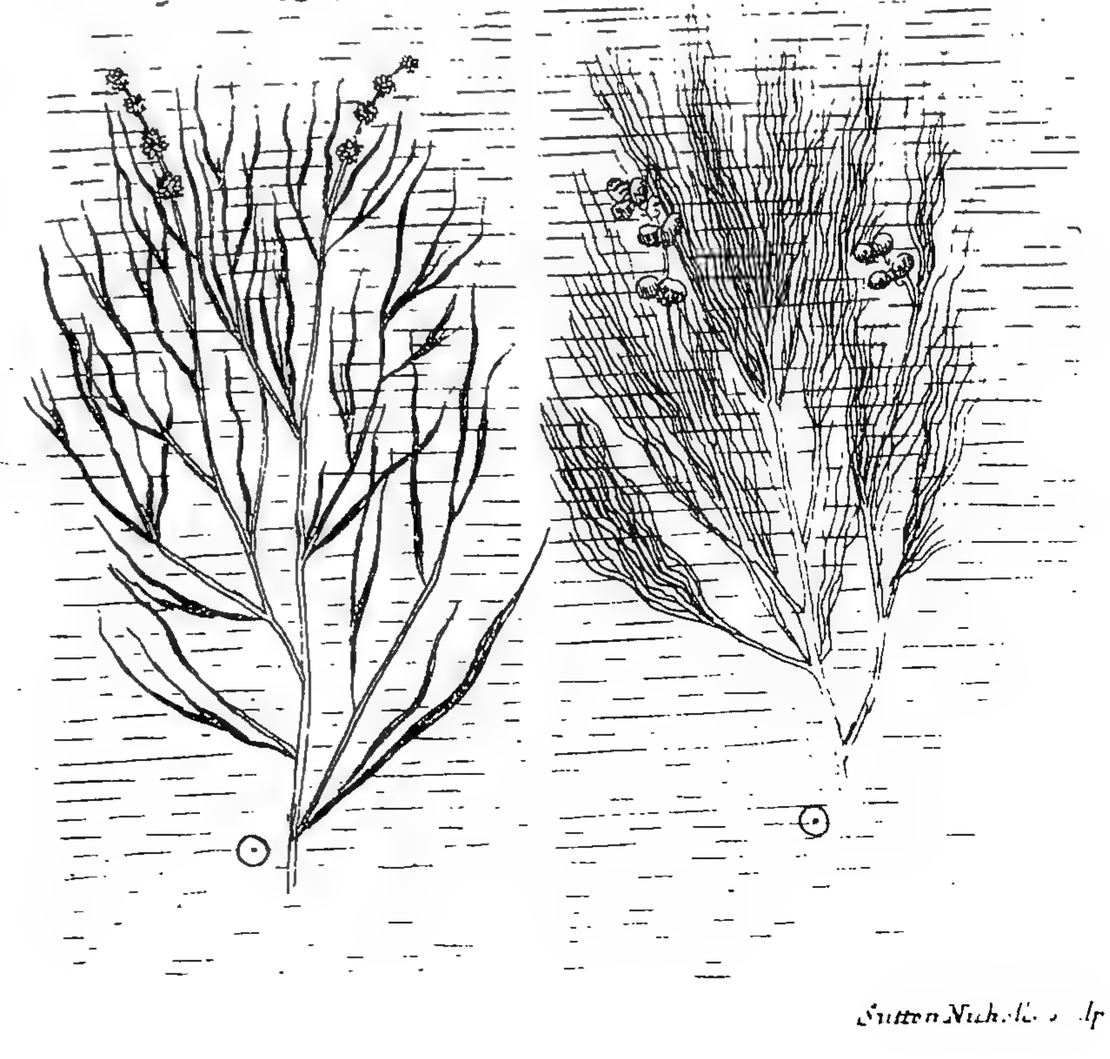




10. *Broad Grass* PONDWEED. 11. *Narrow Grass* PONDWEED. 12 *Fine Grass* PONDWEED.
RAY 189. 7. S. 35. 7. ed. 617.

13. *Fennell* PONDWEED.
PLUK. Tab. 216. Fig. 5.

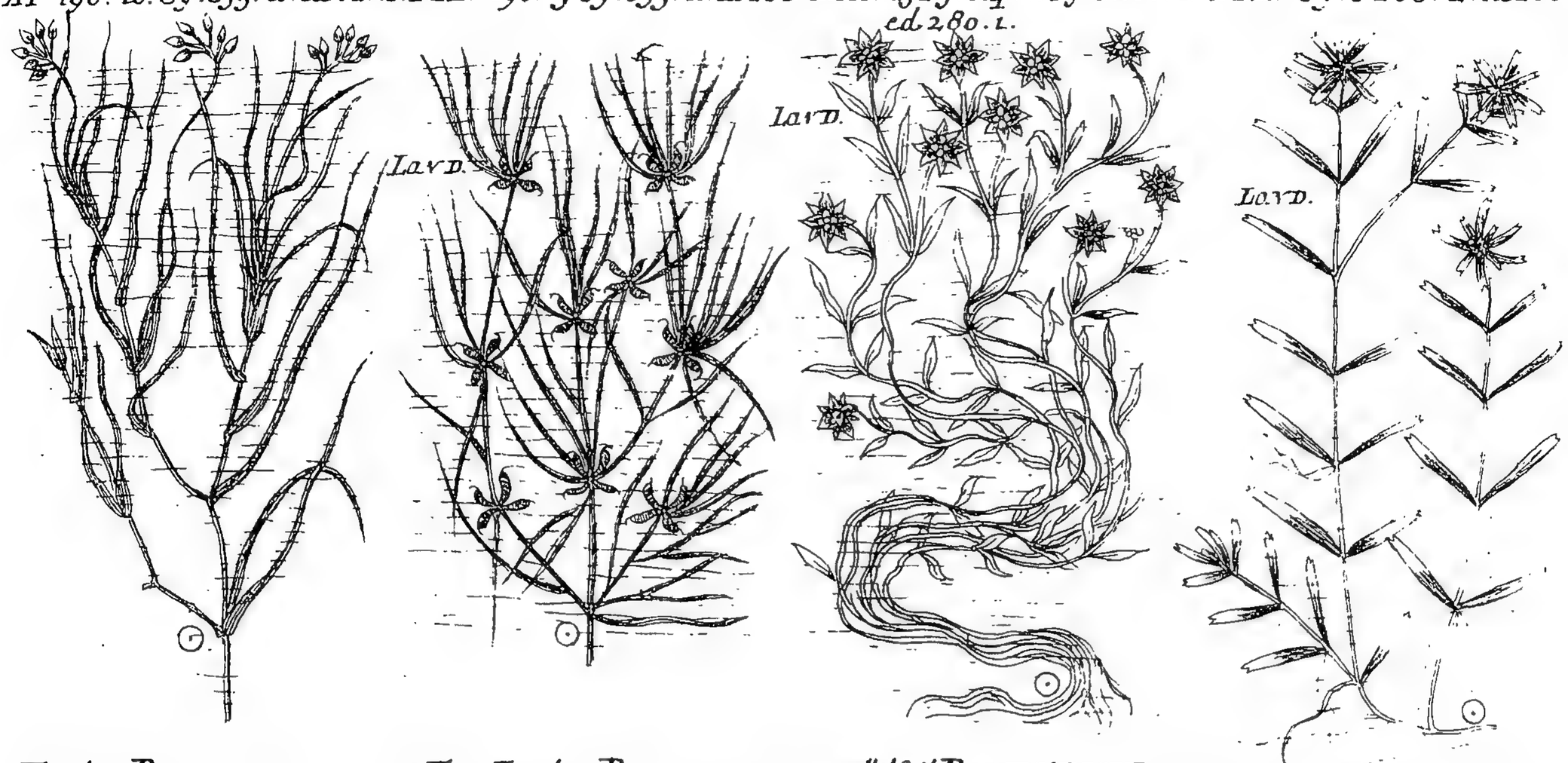




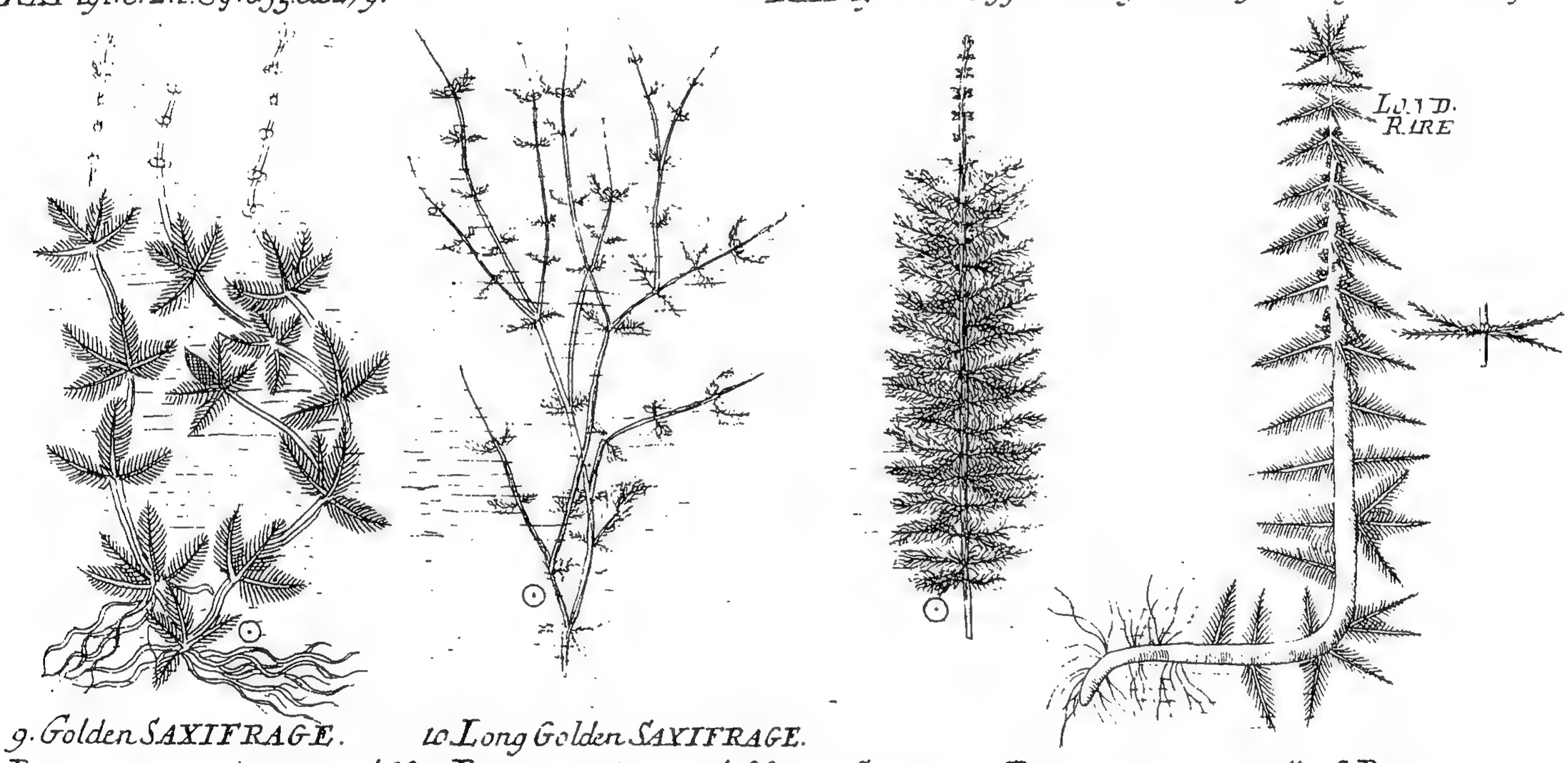
Sutton Nichols sculp

ENGLISH PLANTS *with* BLINK *Flowers* TAB. VI.

1. Tassel PONDWEED. *2 Horned* PONDWEED. *3. Water* STARWORT. *4. Long Water* STARWORT.
RAY 190. 10. Syn 35. 10. ed 62. 10. RAY 190. 13. Syn 35. 11. ed 281. RAY 1323. cap. 6. Syn 208. 1. RAY Syn 208. 2. ed 280. 2. ed 280. 1.

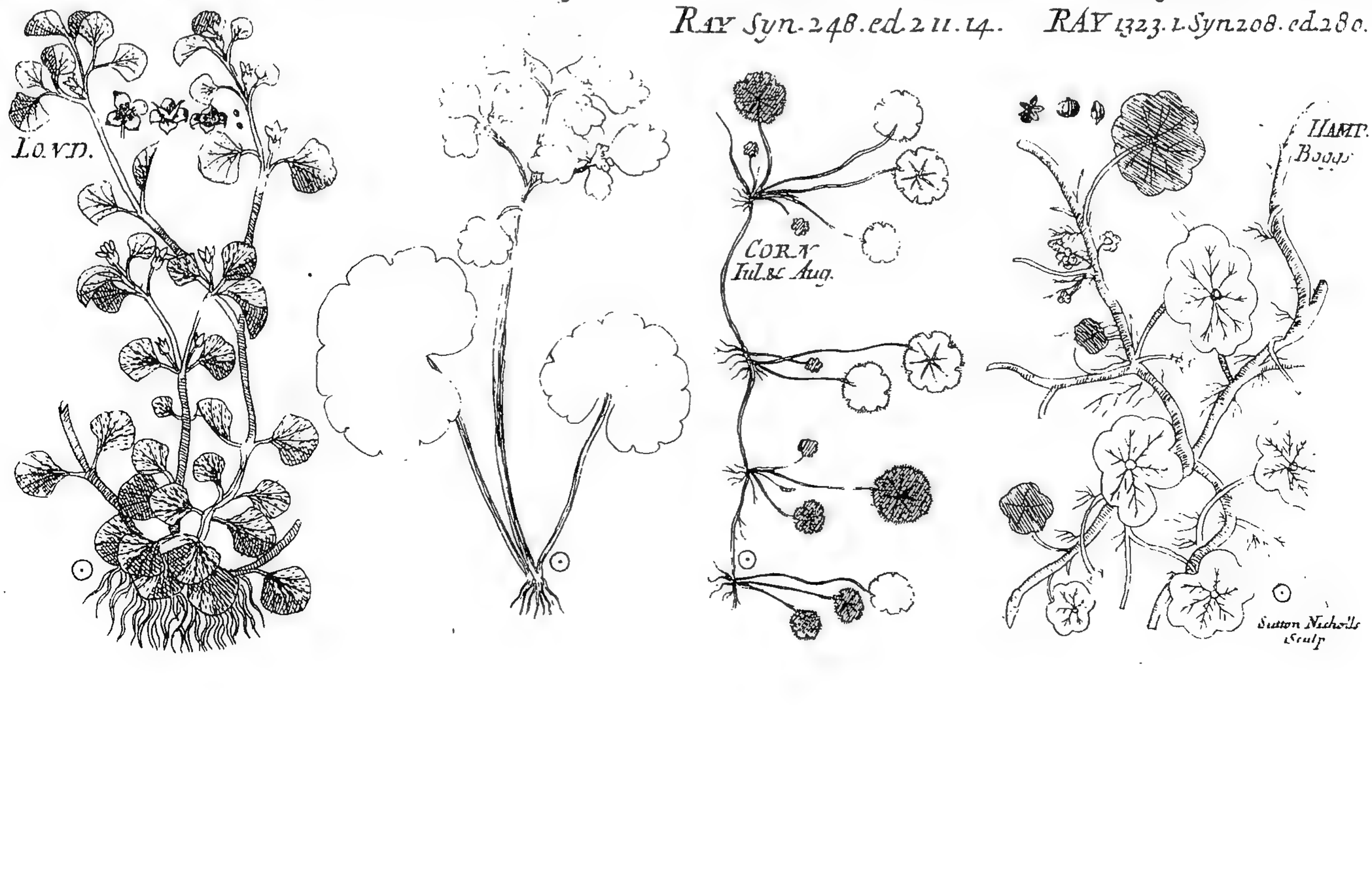


5 Feather PONDWEED. *6. Fine Feather* PONDWEED. *7. Milfoil* PONDWEED. *8. Knotted* PONDWEED.
RAY 191. c. 2. 1. Syn. 35. ed 279. RAY 191. c. 2. 2. S. 35. ed 280. 5. RAY 1322. 1. Syn 207. ed 279.



9. Golden SAXIFRAGE. *10. Long Golden* SAXIFRAGE.
RAY 207. c. xi. 1. Syn 38. 1. ed 66. RAY 207. 2. Syn 39. ed. 66.

xi. Cornwal PENNYWORT. *12. Marsh* PENNYWORT.
RAY Syn. 248. ed. 211. 14. RAY 1323. 1. Syn 208. ed 280.



ENGLISH PLANTS *with* BLINK *Flowers* TAB. VII.

1. *Delt* ORRACH.
RAY 192. 3. *Syn* 36. 1. *ed* 62. 1.



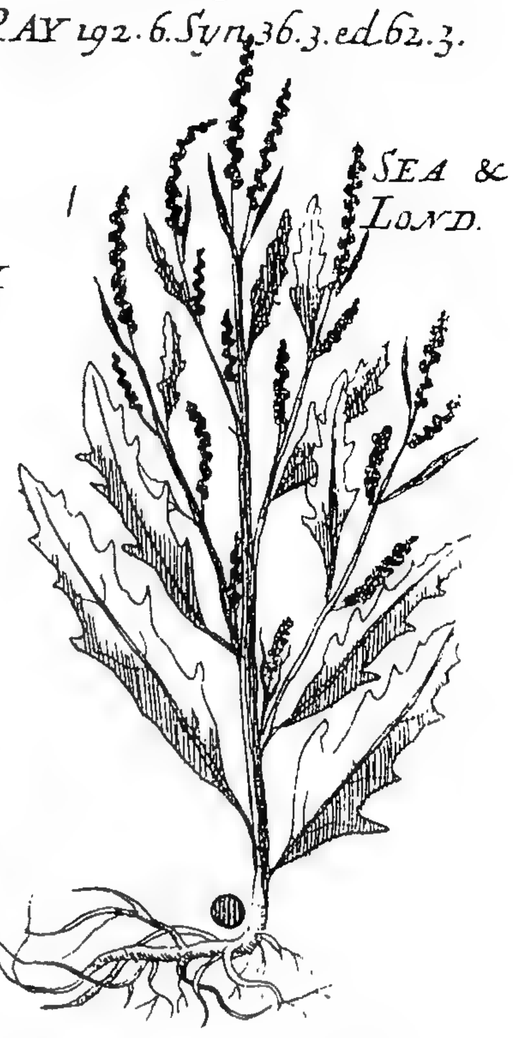
2. *Delt Sea* ORRACH.
RAY 193. 10. *Syn* 36. 4. *ed* 63. 4.



Frosty Sea ORRACH.
RAY 193. 8. *Syn* 36. 5. *ed* 63. 5.



4. *Jagged long* ORRACH.
RAY 192. 6. *Syn* 36. 3. *ed* 62. 3.



5. *Spear* ORRACH.
RAY 192. 4. *S.* 36. 2. *ed.* 62. 2.

6. *Grafs Sea* ORRACH.

7. *Sea* PURSLAIN.
RAY 195. 3. *Syn* 36. 6. *ed* 63. 8.



8. *Heart Sea* PURSLAIN.
RAY Syn. ed. 63. 7.



9. *Small Garden* BLITE.
RAY 209.



10. *Allseed* BLITE.
RAY 196. 2. *Syn* 38. 9. *ed* 65. x1.



x1. *Stinking* ORRACH.
RAY 198. x1. *Syn* 37. 4. *ed* 64. 6.

12. *Wild* SPINAGE.
RAY 195. 1. *S.* 37. 6. *ed* 64. 8.

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ENGLISH PLANTS *with* BLINK *Flowers* TAB. VIII.

1. RAND'S *Oak* BLITE. *2. Frost* BLITE. *3.* BUDDLE'S *Fig* BLITE. *4.* BUDDLE'S *Round* BLITE.

RAY 198. 8. Syn. 36. ed 63. 1.

LONDON AUGUST



LOND. Comon AUG.T



LOND.



LOND.



5. Thick Shining BLITE. *6. Sharp pointed* BLITE. *7. Maple* BLITE. *8. Broad pointed* BLITE.

RAY Syn. ed. 64. 5. *RAY 197. 9. Syn. 37. 3. ed. 64. 3.*

LOND.



LOND. Comon Dunghills



LOND.



LOND. Comon AUG.T



9. Sea BEET. *10. Wall* PELLITORY. *11. Tree* STONECROP. *12. Shrub* STONECROP.

RAY 204. 3. Syn. 38. ed. 65. *RAY 206. 1. Syn. 38. ed. 66.* *RAY 199. 17. Syn. 38. 8. ed. 65. 10.* *RAY 199. 16. S. 38. 7. ed. 65. 9.*

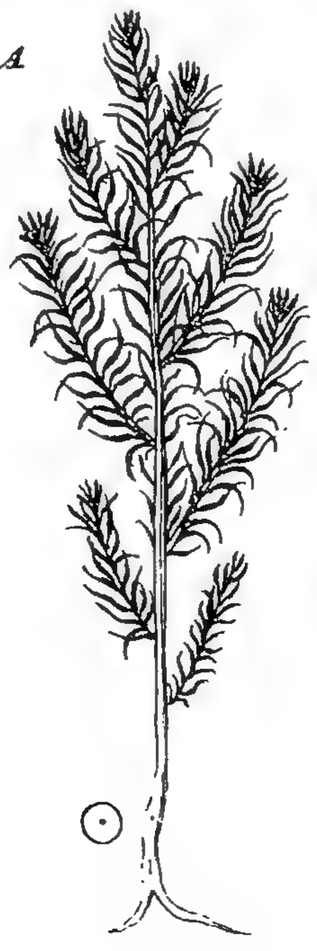
SEA.



LOND. July



SEA



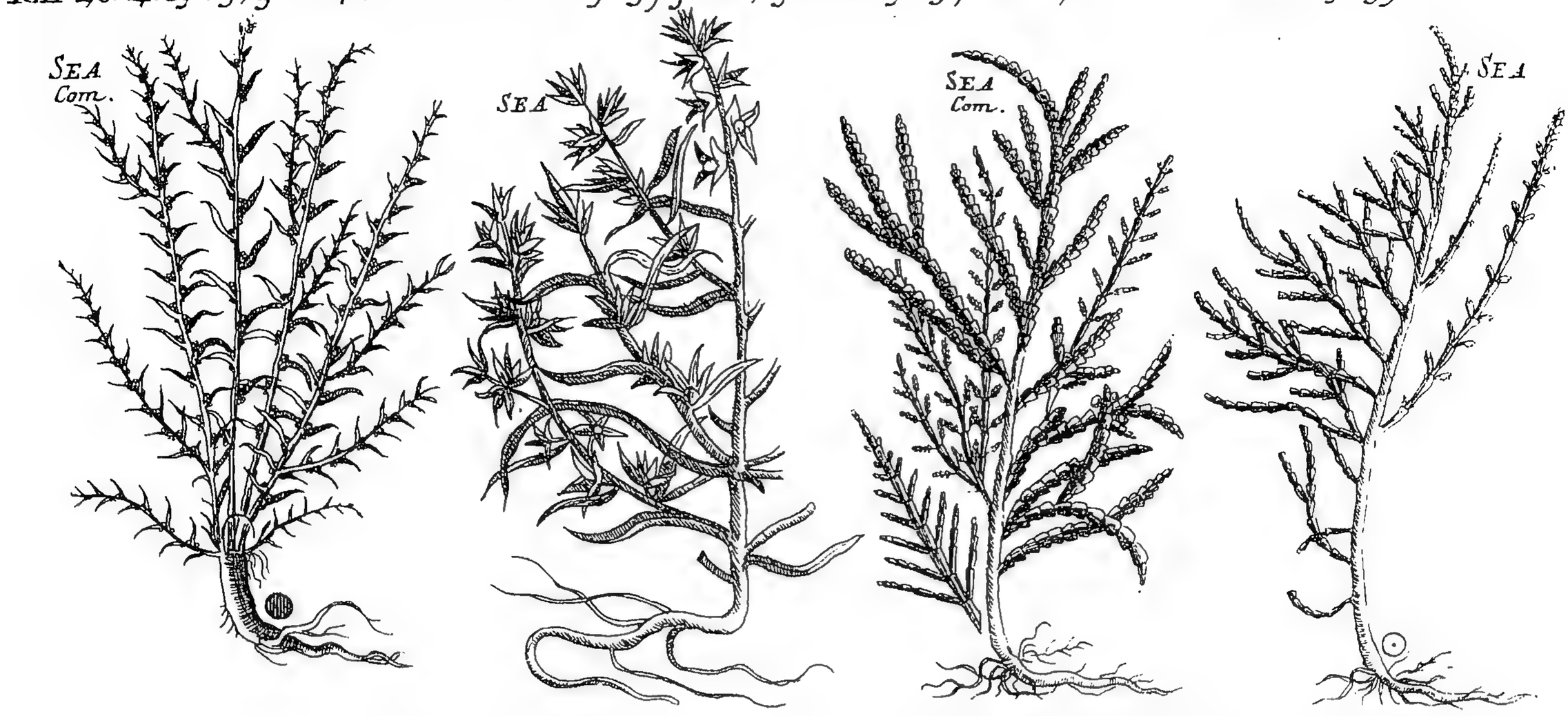
SEA



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ENGLISH PLANTS *with* BLINK *Flowers.* *TAB.* IX.

1. Small GLASSWORT. *2. Prickley* GLASSWORT. *3. Small joynted* GLASSWORT. *4. Woody joynted* GLASSWORT.
RAY 198. 14. Syn 375. ed. 64. 7 *RAY 212. 2. Syn 39. 3. ed. 67. 3.* *RAY Syn 39. 1. ed 67. 1.* *RAY 211. 1 Syn 39. ed. 67. 2.*



5. Bastard TOAD-FLAX. *6. Upright* KNAWELL. *7. Spreading* KNAWELL. *8.* PEPPER *Grass.*
RAY 399. c. 7. Syn 61 ed 99. *TABERN. 505.* *RAY. 213. 1. Syn 40. 1 ed. 68. 1.* *RAY 1325. c. 10. Syn. 209. ed 281.*



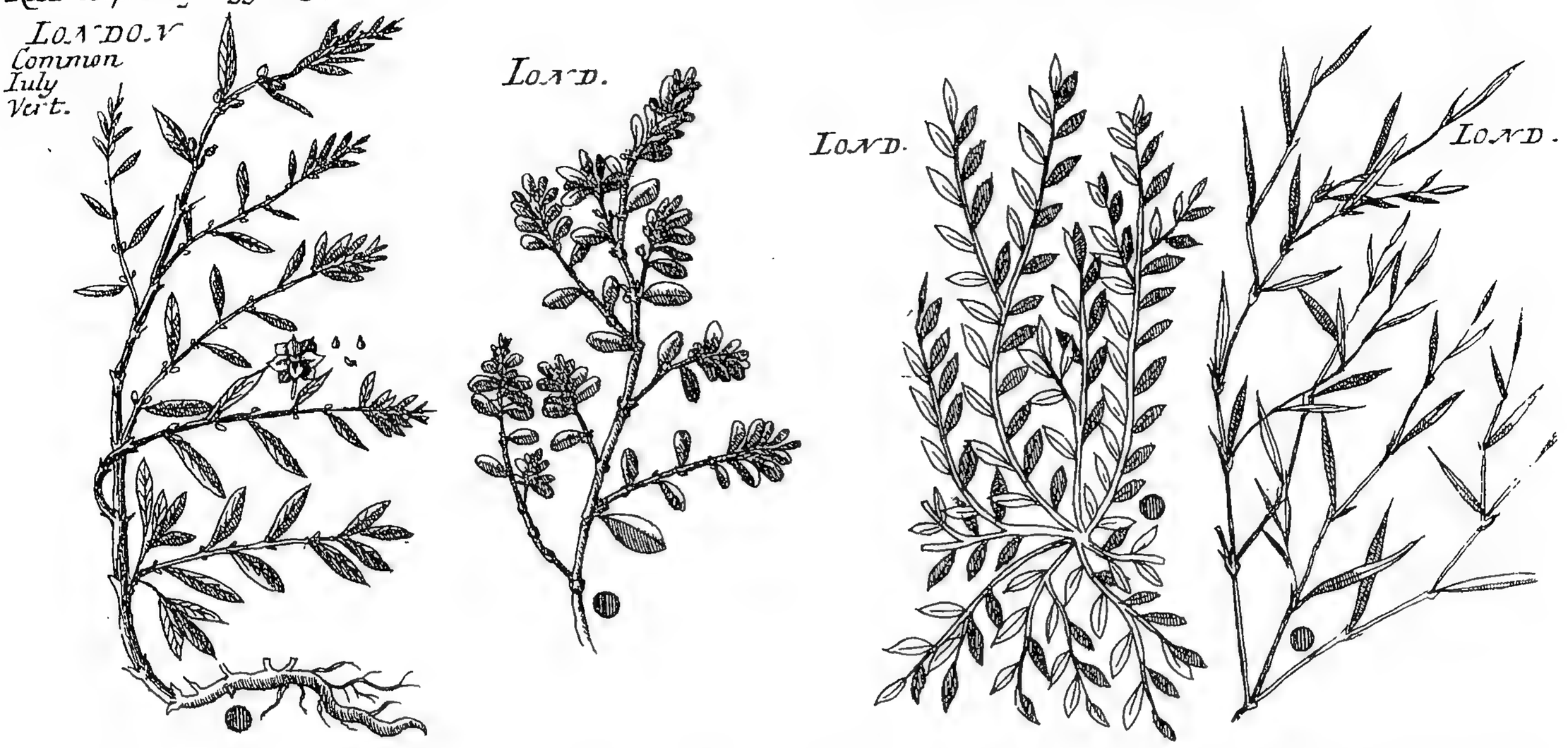
9. LADIES MANTLE. *10. Small* LADIES MANTLE. *11. Silver* LADIES MANTLE. *12* PARSLEY PIERT.
RAY 208. 1. Syn 39. 2 ed 66. *RAY Hist. Plantar. 202. 2.* *RAY 209. 4. Syn 39. ed. 66.* *RAY 209. c. 14. Syn 39. ed 67.*



ENGLISH PLANTS *with* BLINK *Flowers* TAB. X.

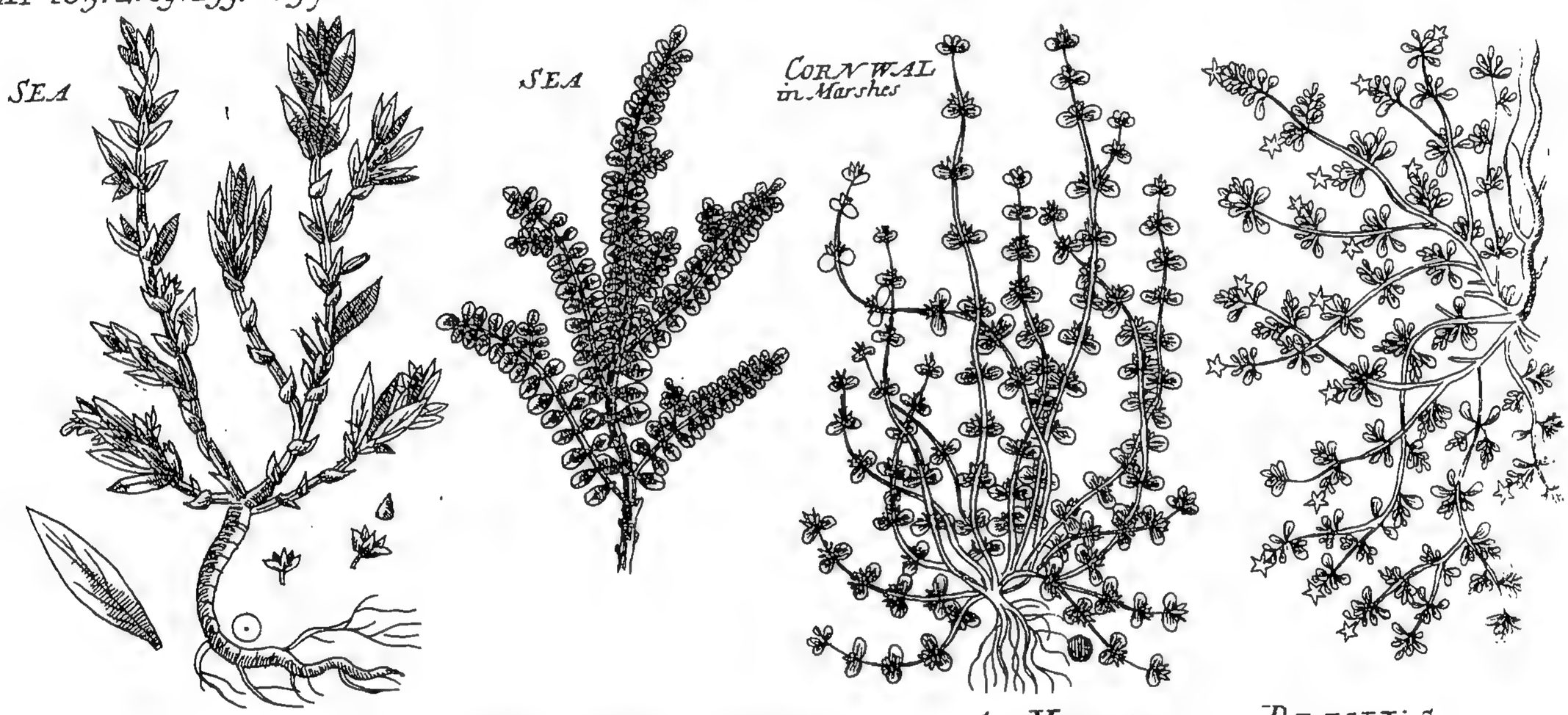
1. Common KNOTGRASS. 2. Thick-set KNOTGRASS. 3. Short leav'd KNOTGRASS. 4. Narrow KNOTGRASS.

RAY 184. 1. Syn 33. ed 59. TABERN. Vol 2. 202 Ic. 833. TABERN. V2. 203 Fig.



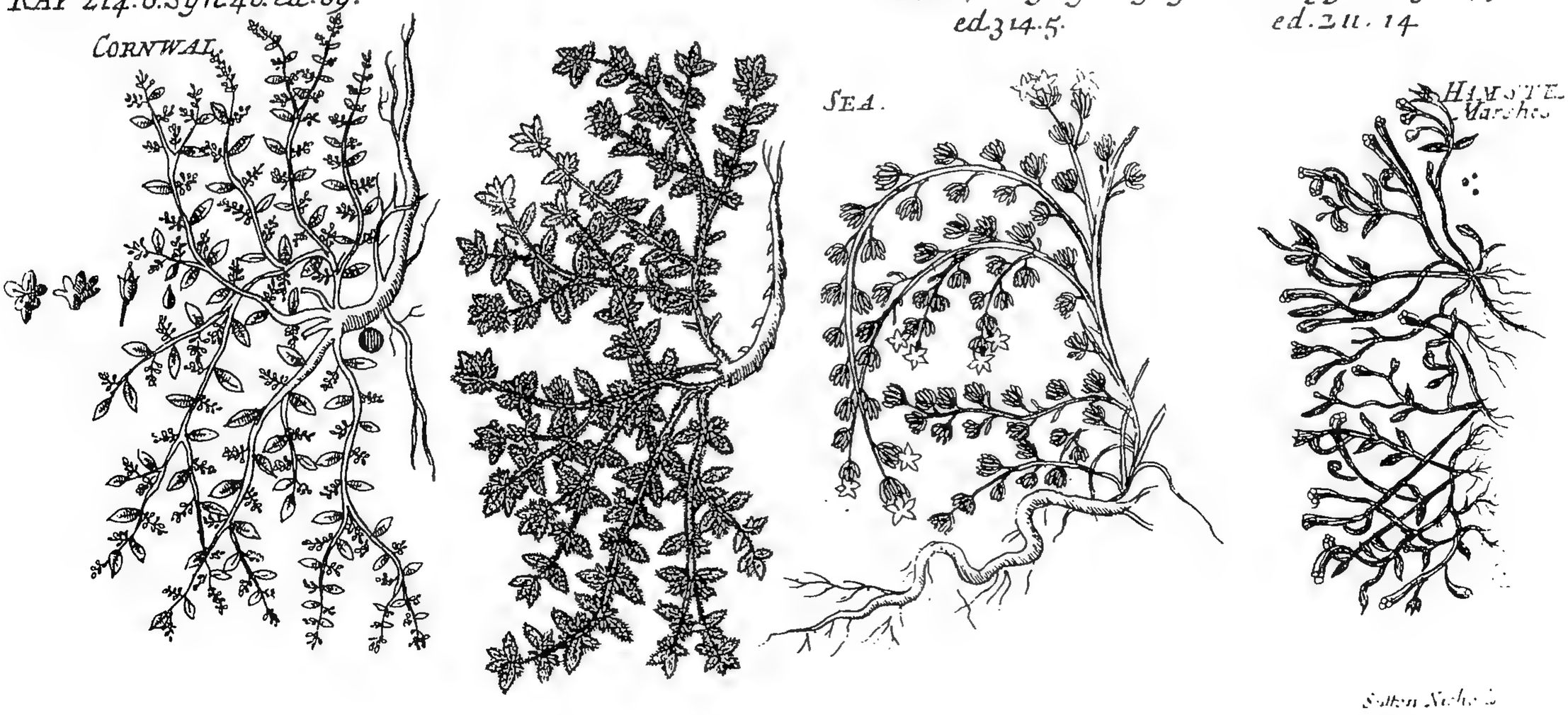
5. Sea KNOTGRASS. 6. NEWTONS KNOTGRASS. 7. Whorld KNOTGRASS. 8. VALENTIA Knotgrass.

RAY 185. 2. Syn 33. ed 59. 2. RAY 214. 3. Syn 40. ed. 68. RAY 215. 8.



9. Smooth RUPTURE-WORT. 10. Hoary RUPTURE-WORT. 11. Sea HEATH. 12. BLINKS.

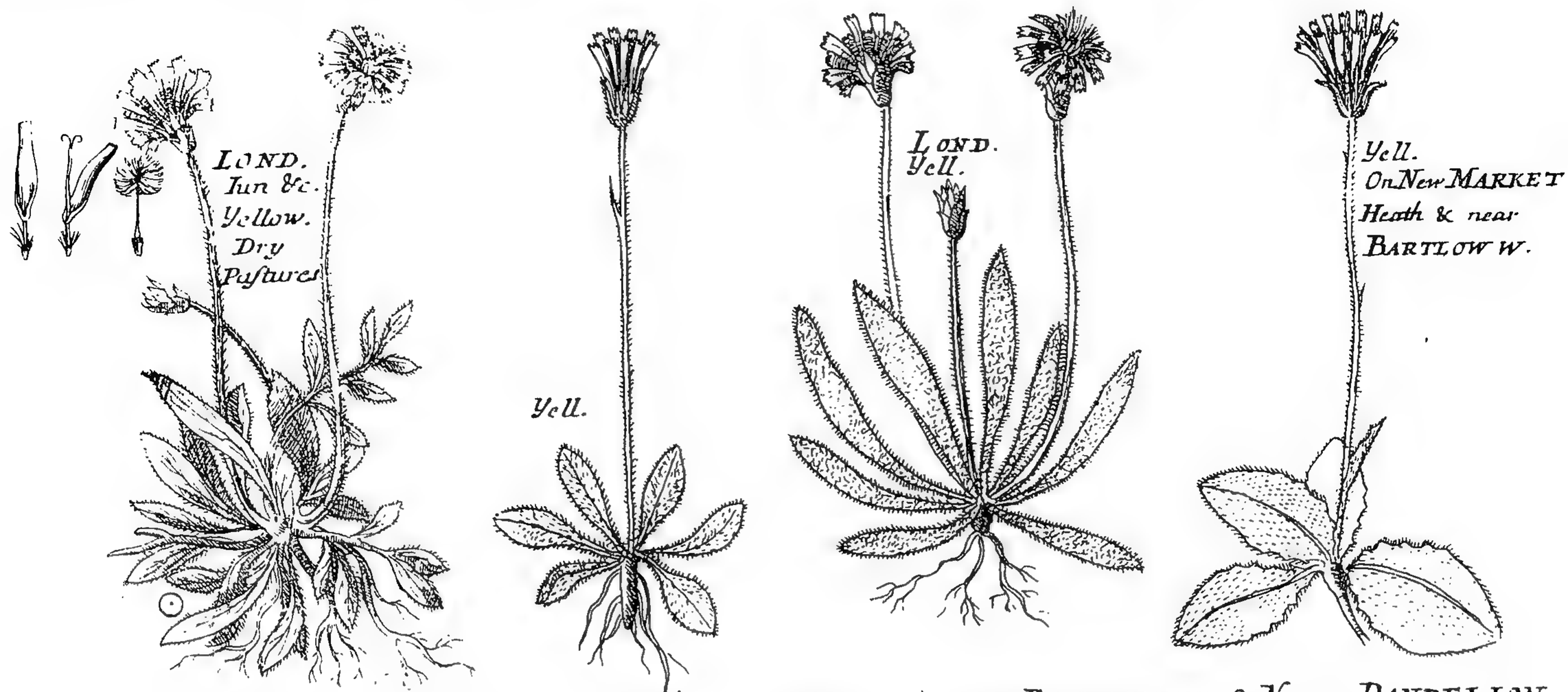
RAY 214. 6. Syn 40. ed. 69. RAY 1716. 15. Syn 231. 5. ed 314. 5. RAY 1035. 26. Syn 149. 1. ed. 211. 14



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ENGLISH PLANTS *with* LETTUCE FLOWERS. TAB. XI.

1. *Common* MOUSE-EAR. 2. *WELCH* MOUSE-EAR. 3. *Narrow* MOUSE-EAR. 4. *Brad* MOUSE-EAR.
RAY 242. 1. *Syn* 46. *ed* 75. *RAY*. 241. 19. *RAY* 244. 2.



5. *Narrow Smooth* MOUSE-EAR. 6 PLUKENET's MOUSE-EAR. 7. *Common* DANDELION. 8. *Narrow* DANDELION.
RAY 245. 8. *Syn* 45. *ed* 76. 4. *RAY Syn ed* 2. *p*. 75. *x*1. *RAY* 244 3. *Syn* 46. 1. *ed* 76. 1 *RAY Syn* 46. 2. *ed* 76. 2.



9. *Common rough* DANDELION. 10. SANDY *rough* DANDELION. *x*1. ROUGH *Branched* DANDELION. 12. *Smooth-branched* DANDELION.
RAY 245. 5. *Syn*. 46. 3. *ed* 76. 3. *RAY* 246. *Syn. ed*. 73. 10. *RAY* 230. 2. *Syn* 42. 2. *ed*. 72. 2.

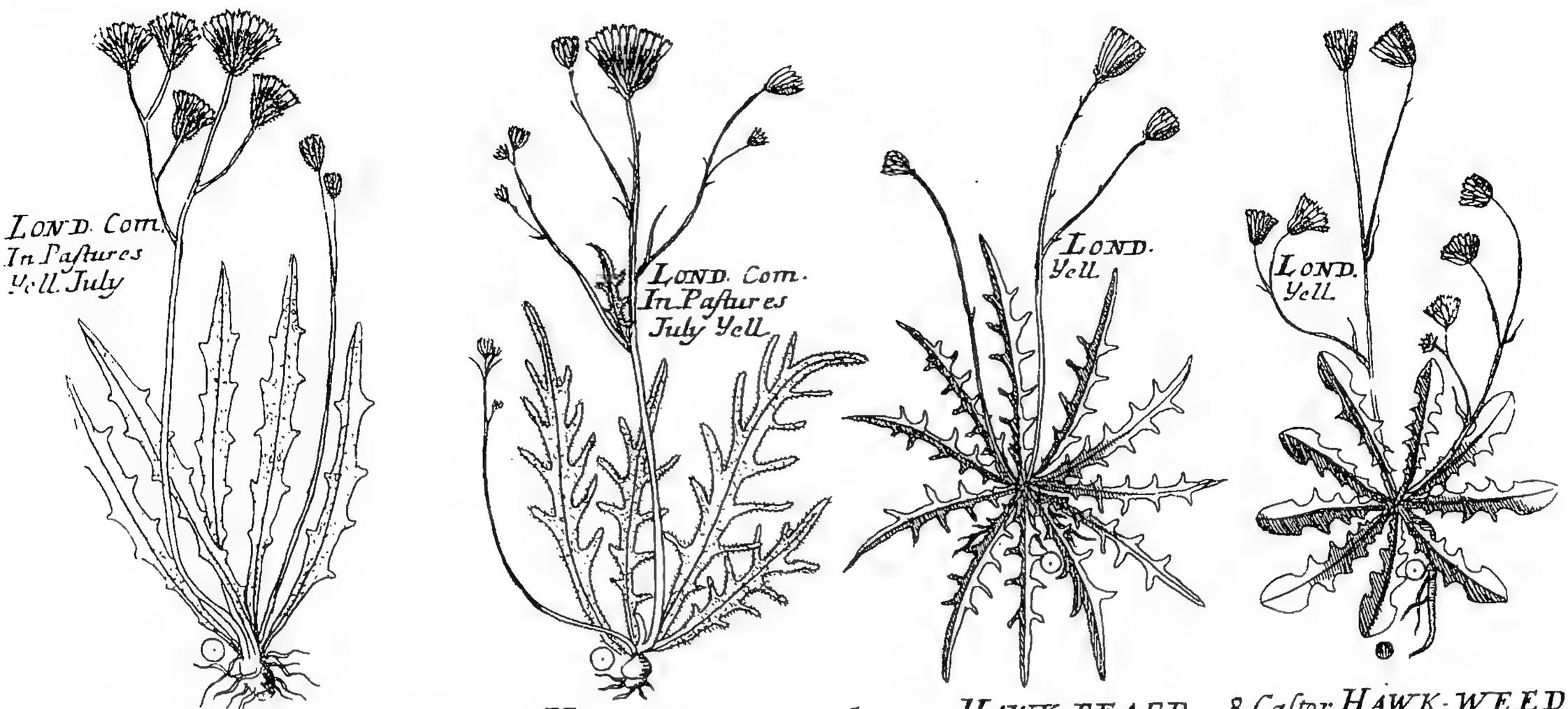


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ENGLISH PLANTS *with* LETTUCE FLOWERS. TAB. XII.

1. Comon HAWKBIT. *2. Jagged* HAWKBIT. *3 Small Jagged* HAWKBIT. *4. Dandelion* HAWKBIT.

RAY 230. 1. S. 42. 1. ed 71. 1.



5. Buddle's HAWK-BEARD. *6. Comon* HAWK-BEARD *7. Succory* HAWK-BEARD. *8. Castor* HAWK-WEED

RAY 234. 16. S. 43. 4. ed. 72. 4. *RAY 232. 6. S. 43. 3. ed. 72. 3.*



9. Small Succory HAWK-WEED. *x. Tall Succory* HAWK-WEED. *xi. Curl'd* HAWK-WEED *12. Ox-tongue* HAWK-WEED

RAY 236. 5. S. 43. 8. ed. 73. 6. *RAY 233. 12. S. 44. xi. ed. 73. 9.* *RAY 233. 10. S. 43. 9. ed. 73. 7.*

ENGLISH PLANTS *with* LETTUCE FLOWERS. TAB. XIII.

1. Broad HAWK-LUNG
RAY 239. 7 S. 45. 6. ed. 73. xi.



2. Round HAWK-LUNG
RAY Syn. edit. 2. p. 74. 6.



3. Broad dented HAWK-LUNG
RAY. Syn. ed. 2. pag. 74. 7.



4. French HAWK-LUNG
RAY 239. 9. S. 44. 4. ed. 74. 4.



5. Narrow HAWK-LUNG
RAY 240 xi. S. 45. 5. ed. 74. 5.



6. WELCH hoary HAWK-LUNG
RAY 239. 8. Syn. 45. ed. 75. 8.



7. Broad hairy HAWK-LUNG
RAY 238. 2. S. 44. 1. ed. 74. 1.



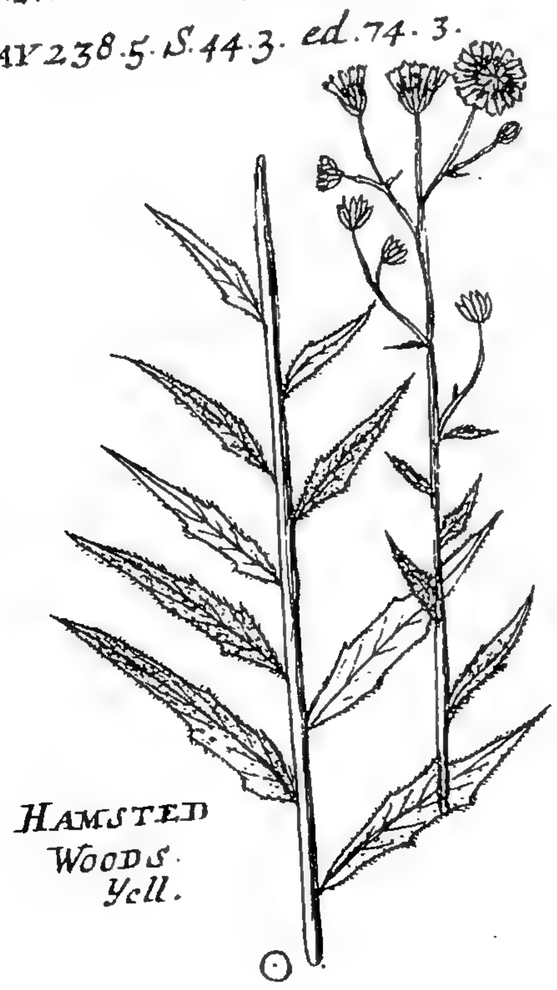
8. Long hairy HAWK-LUNG



9. Broad smooth HAWK-LUNG
RAY 238. 1. S. 44. 2. ed. 74. 2.



10. Narrow hairy HAWK-LUNG
RAY 238. 5. S. 44. 3. ed. 74. 3.



11. Narrow smooth HAWK-LUNG



12. Grass HAWK-LUNG

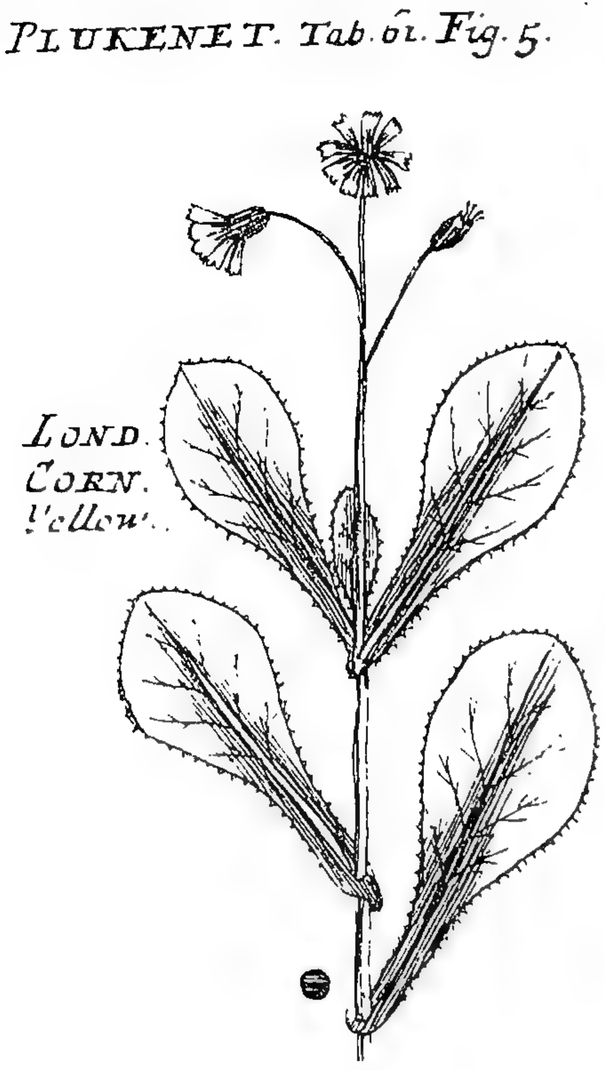


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ENGLISH PLANTS *with* LETTUCE *Flowers.* *Tab.* XIV.

1. Round leav'd SOW THISTLE. *2. Broad* SOWTHISTLE. *3. Narrow* SOWTHISTLE. *4 Prickle dented* SOWTHISTLE

PLUKENET. Tab. 61. Fig. 5. *RAY 225. 7. Syn. 42. 4. ed 71. 4.* *PLUK. Tab. 62. fig. 4.* *DODON. Pempt. 643. fig. 3.*







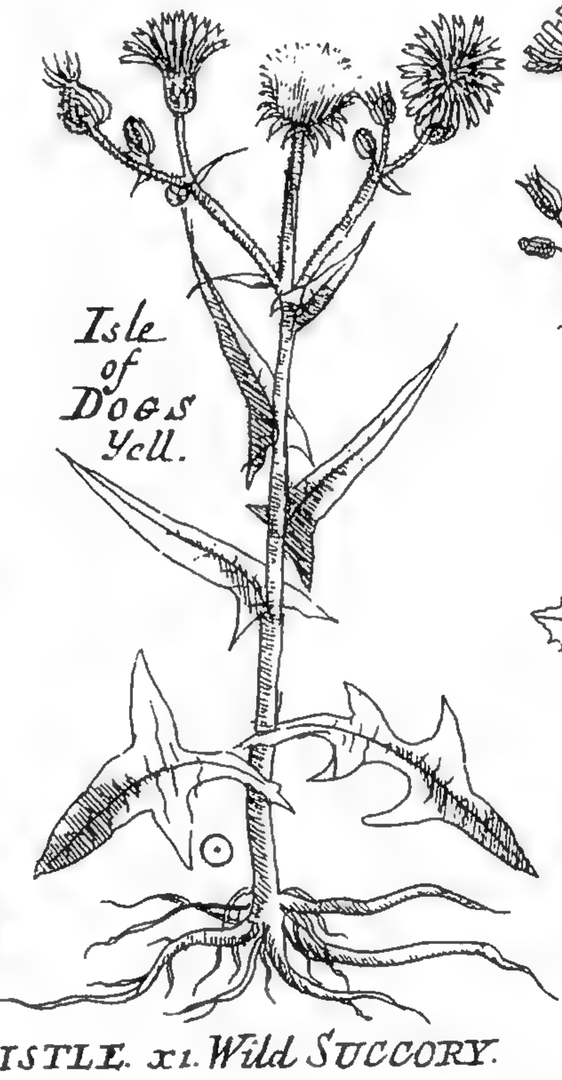


5. Prickle jagged SOWTHISTLE. *6. Corn* SOWTHSTLE. *7. Tall Marsh* SOWTHISTLE. *8. Smooth Broad* SOWTHISTLE.

RAY 225. 6. Syn. 42. 3. ed. 70. 3. *RAY 226. 10. Syn 42. 5. ed 71. 5.* *RAY 226. 11. Syn 42. 6. ed 71. 6.* *RAY 224. 2. Syn 42. 2. ed. 70. 2.*









9. Smooth Jagged SOWTHISTLE. *10.* BUDDLE'S *Jagged* SOWTHISTLE. *11. Wild* SUCCORY. *12.* NIPPLEWORT.

RAY 224. 1. Syn 42. 1. ed 70. 1. *RAY 255. 4. Syn 47. ed 77.* *RAY 256. c. 2. Syn 47. ed. 77.*









ENGLISH PLANTS *with* LETTUCE *Flowers &c.* TAB. XV.

1. *Broad* LETTUCE.
RAY 222.4. Syn 41.3. ed 70.3.



2. *Cut* LETTUCE.
RAY 221. 2. Syn 41.1. ed 69.1.



3. *Jagged* LETTUCE.
RAY 222.3. Syn 41.2. ed 69.2.



4. *Small Jagged* LETTUCE.
RAY 222.5. Syn 41.4. ed 70.4.



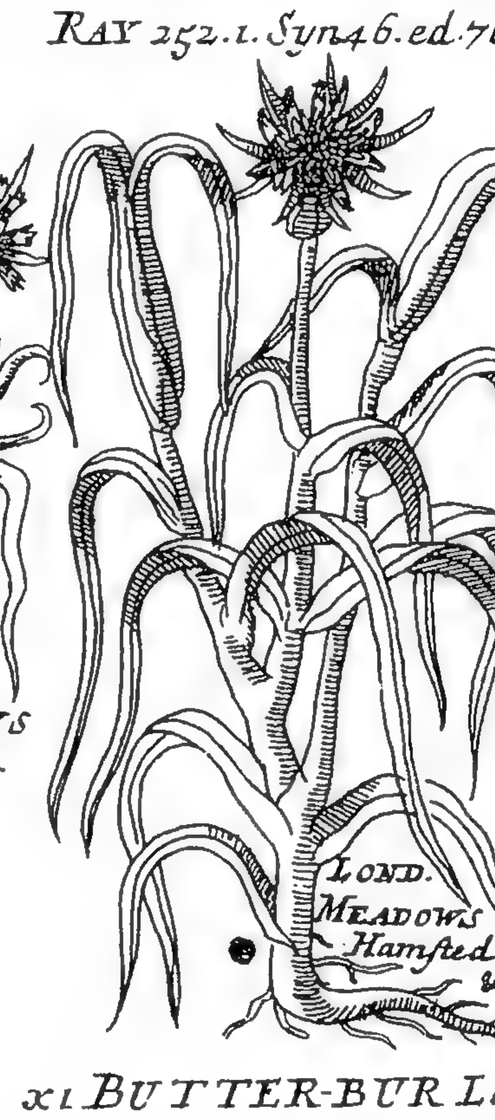
5. *Ivy* LETTUCE.
RAY 223. 7. Syn 41.5. ed 70.5.



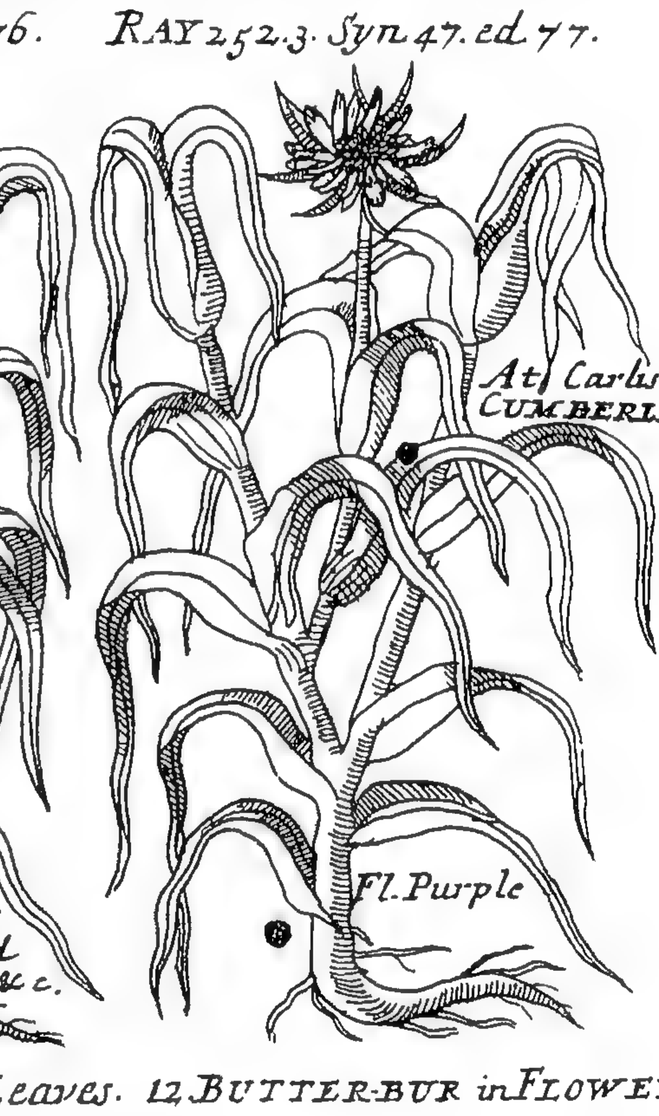
6. *Narrow* GOATS-BEARD.
RAY 252. 6.



7. *Comon* GOATS-BEARD.
RAY 252.1. Syn 46. ed 76.



8. *Purple* GOATS-BEARD.
RAY 252.3. Syn 47. ed 77.



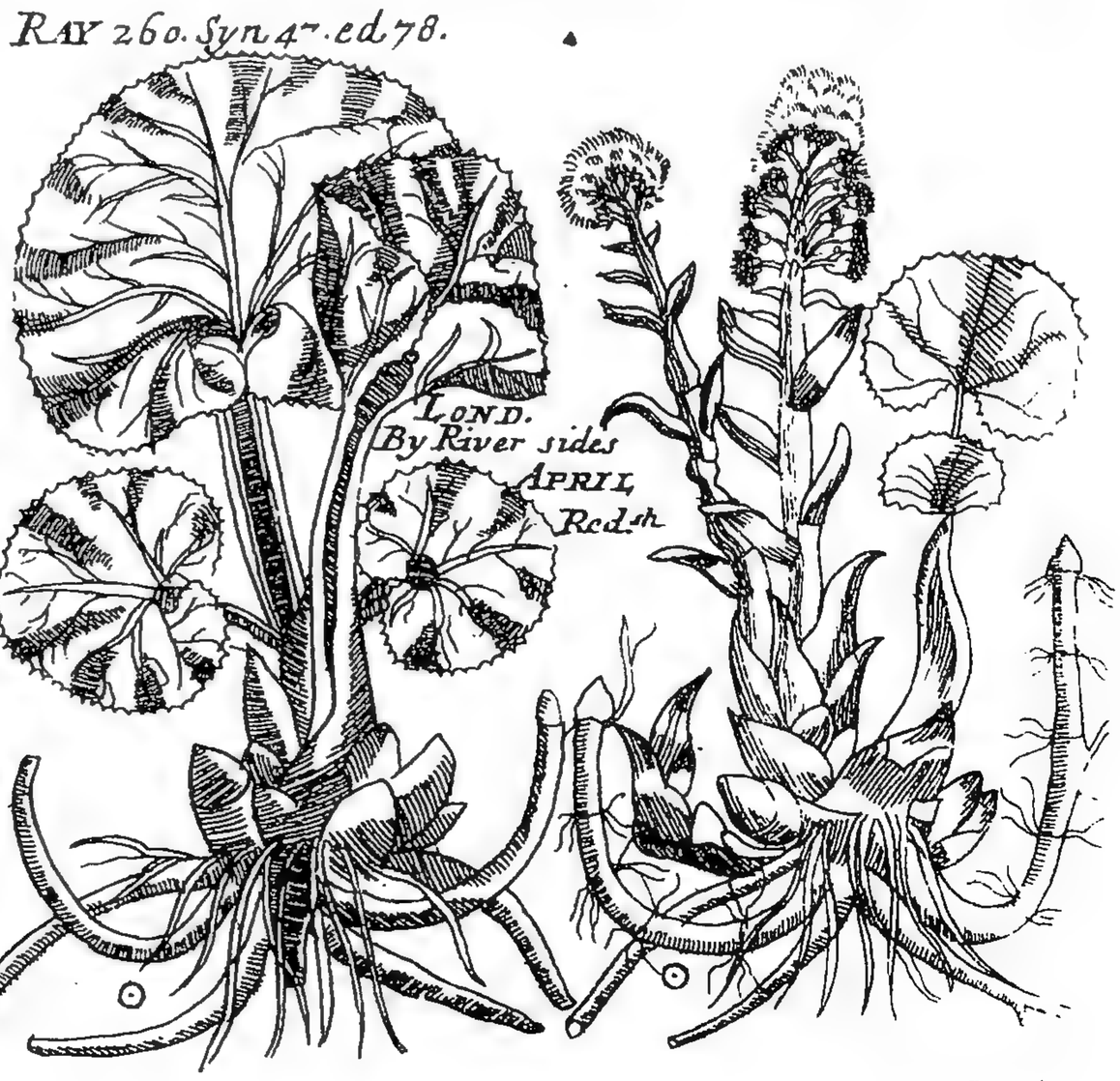
9. *Small* SWINES SUCCORY.
RAY 229. 2. Syn 44.12. ed 78.



10. *Common* CARLINE.
RAY 288. 2. Syn 247. ed 80.



11 BUTTER-BUR *Leaves.* 12 BUTTER-BUR *in* FLOWER.
RAY 260. Syn 47. ed 78.



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ENGLISH PLANTS *with* STAR *Flowers and Downy* SEED. TAB. XVI.

1. *ELECAMPANE*
RAY 273. c. 7. Syn. 49. ed. 81.



2. *Common* FLEA-BANE.
RAY 262. 5. Syn. 48. ed. 79. 1.



3. *Small* FLEA-BANE.
RAY 262. 6. Syn. 48. 2. ed. 79. 2.



4. *Blue* FLEA-BANE.
RAY 270. 1. Syn. 49. ed. 80.



5. *Marsh* FLEA-BANE.
RAY 263. 10. Syn. 48. ed. 79.



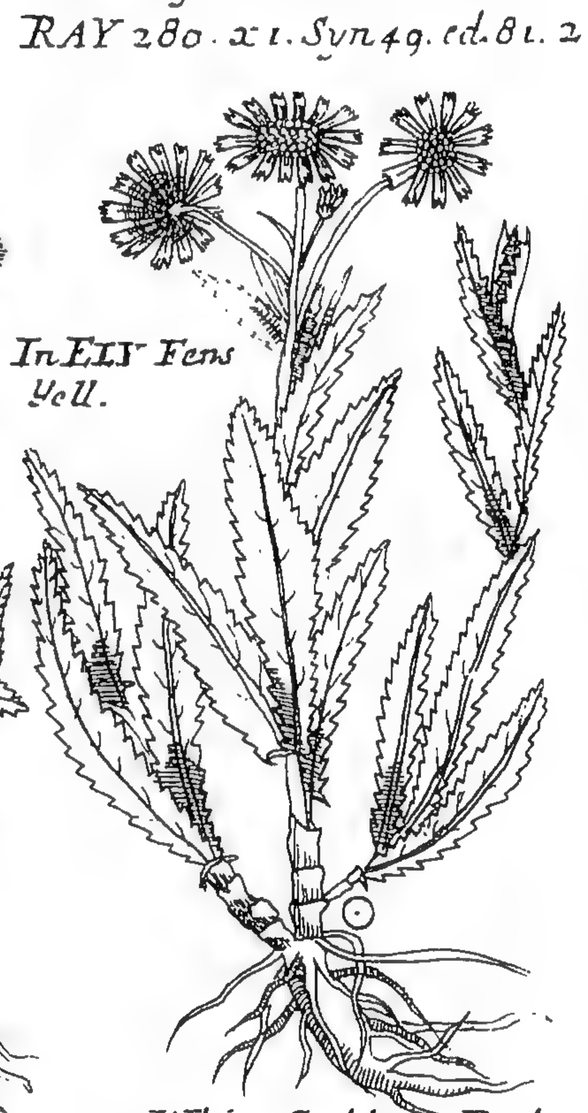
6. *Jagged* FLEA-BANE.
RAY 264. 12. Syn. 48. 3.



7. *BOBARTS Golden Rod.*
RAY 279. 6. Syn. ed. 2. p. 814.



8. *Marsh Golden Rod.*
RAY 280. x 1. Syn. 49. ed. 81. 2.



9. *Narrow Golden Rod.*
GER. 348. Fig. 1.

10. *Common Golden Rod.*
RAY 278. 1. Syn. 49. ed. 81.

11. *WELSH Golden Rod.*
RAY Syn. 50. ed. 81. 3.

12. *White Golden Rod.*
RAY 271. 4. Syn. 49. ed. 80.



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ENGLISH PLANTS *with* STAR-FLOWERS. TAB. XVII.

1. Common RAGWORT.
RAY 284. 1. Syn. 50. 1. ed. 82. 1.

2. Marsh RAGWORT.
RAY 285. 4. Syn. 50. 3. ed 82. 3.

3. Groundsel RAGWORT.
RAY 285. 2. Syn. 50. 2. ed. 82. 2.

4. CAMBRIDGE Ragwort
RAY 272. 4. Syn. 49. 3. ed.

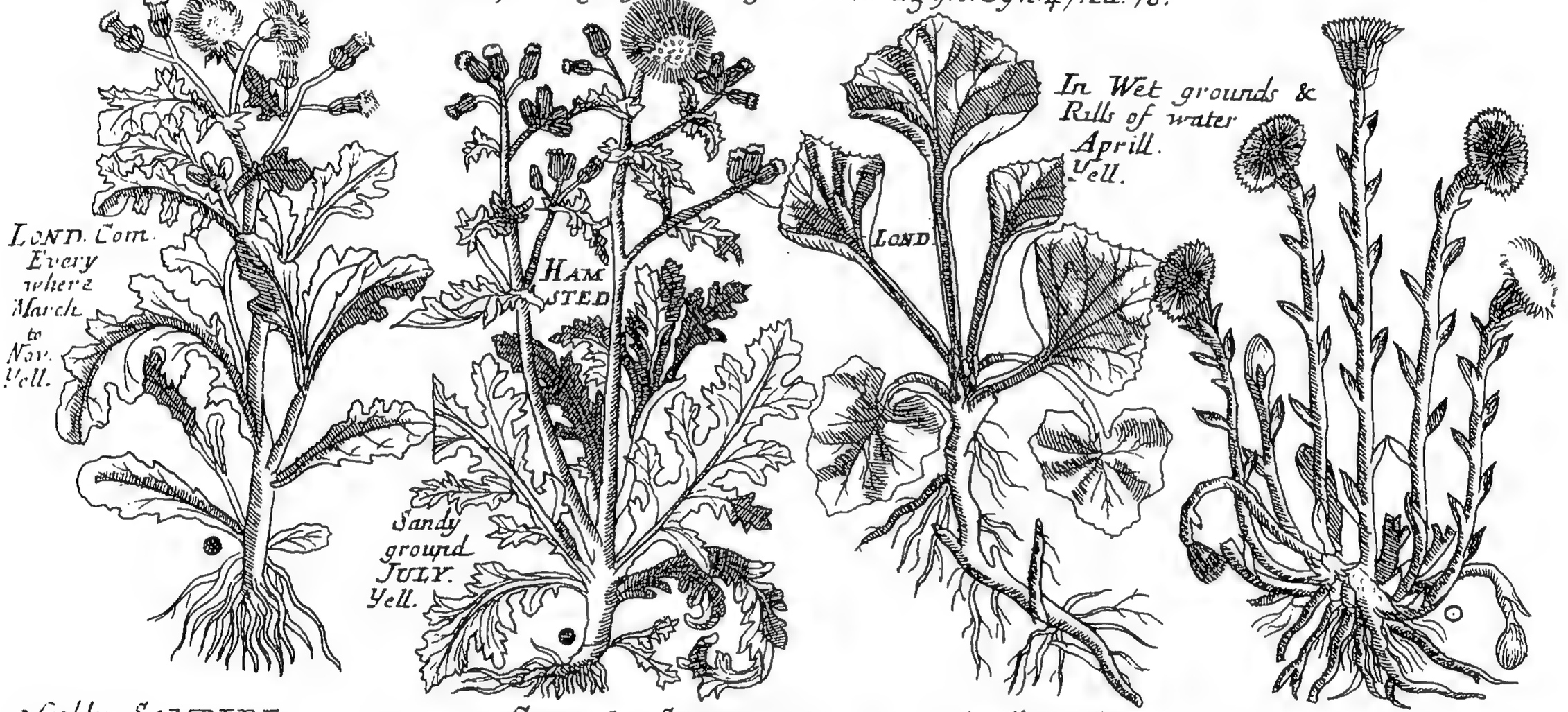


5. Common GROUNDSEL.
RAY 290. 1. Syn. 50. 1. ed. 83. 1.

6. Cotton GROUNDSEL.
RAY 290. 2. Syn 50. 2. ed. 83. 2.

7. COLTSFOOT.
RAY 259. 1. Syn. 47. ed. 78.

8. COLTSFOOT in Flower.



9. Golden SAMPIRE.
RAY 268. xi. Syn. 48. 1. ed. 79. 1.

10. Great Sea STARWORT.
RAY 270. 20 Syn. 49. 2. ed. 80. 2.

11. Small Sea STARWORT.
RAY 270. 20. Syn. 49. 2. ed 80. 2.

12. Naked Sea STARWORT.
RAY 270. 20. Syn. 49. 2. ed 80. 2.



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ENGLISH PLANTS *with naked* FLOWERS *&* Downey SEED. TAB. XVIII.

1. Mont-Pelier FLEABANE. RAY 292. 1. Syn. 51. ed. 83.



2. Hemp Agrimony RAY 293. 1. Syn. 51. ed 83.



3. AMERICAN Live-long. RAY 284. 15 Syn ed 82.



4. CATS-FOOT. RAY 283. 12. Syn 50. ed. 82. 1.



5 JERSEY Live-long. RAY 284. 17. Syn. ed 823.



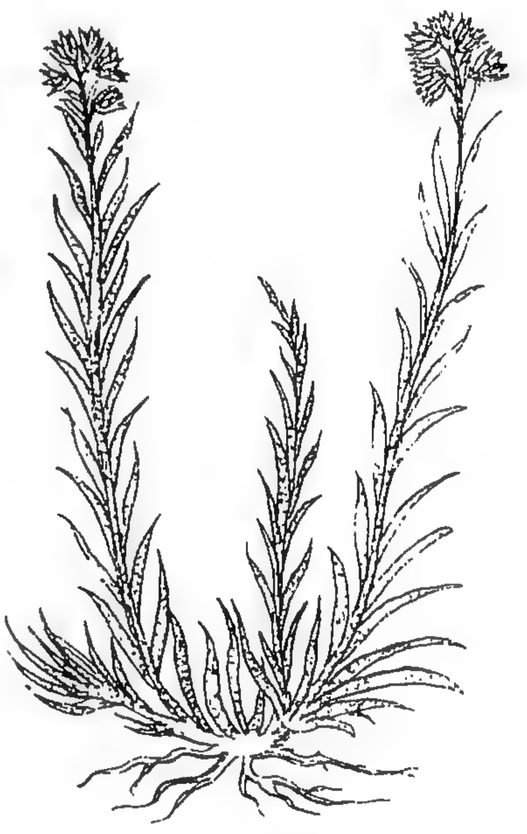
6. ENGLISH Live-long RAY 295. 13. Syn. 51. 2. ed 84. 2.



7. Long CUDWEED. RAY 295. 5. Syn. 52. 5. ed 85. 6.



8. GERMAN Cudweed



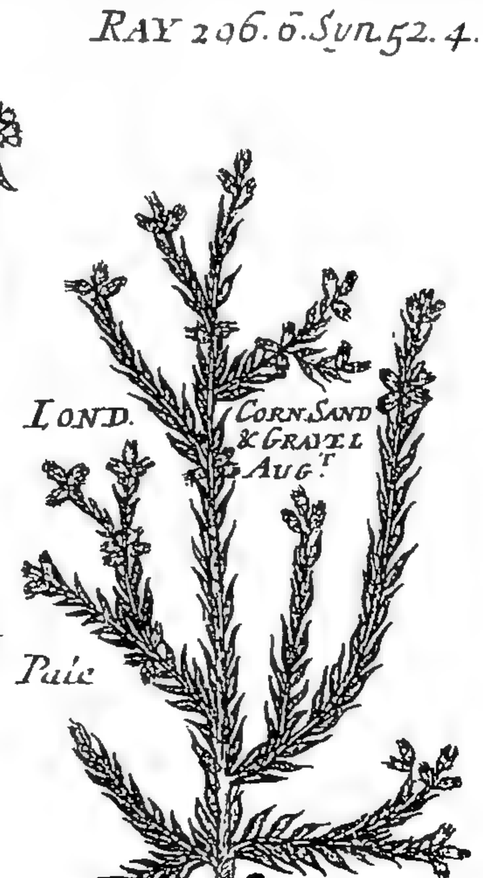
9. Childing CUDWEED. RAY 295. 4 Syn. 51. 3. ed 84. 3.



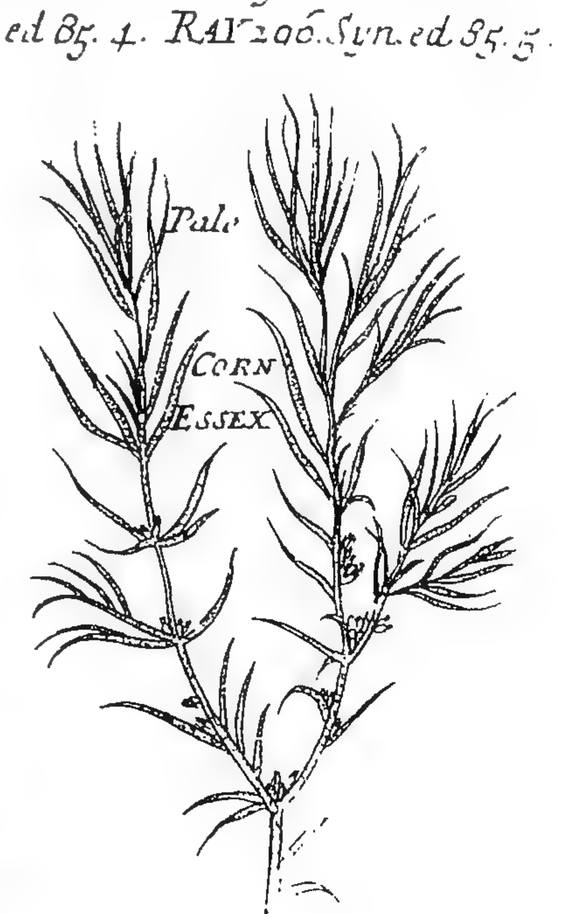
10. Low Childing CUDWEED.



11. Least CUDWEED. RAY 206. 6. Syn 52. 4. ed 85. 4.



12. Grass CUDWEED. RAY 206. Syn. ed 85. 5.

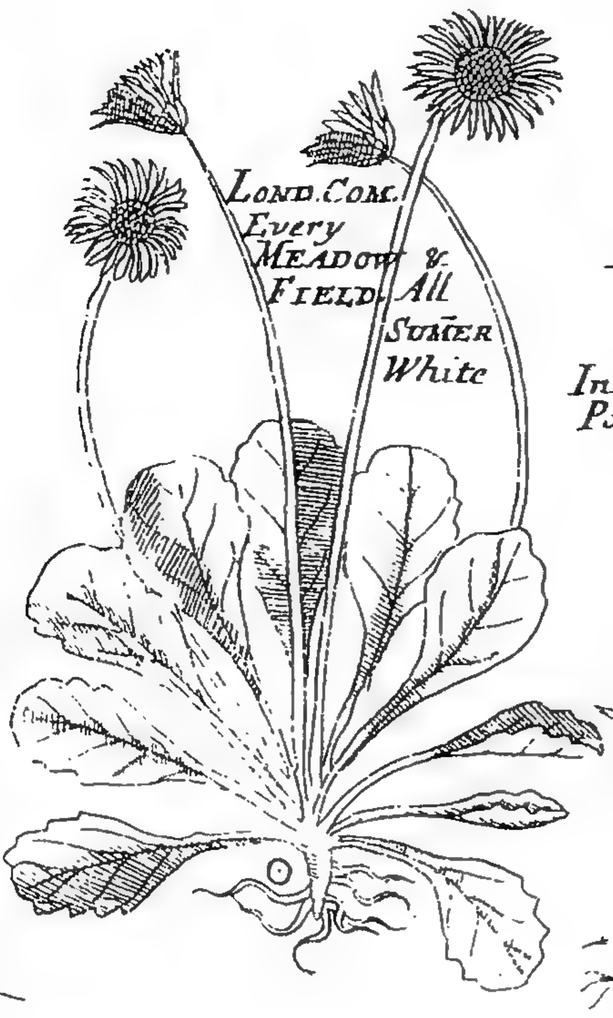


ENGLISH PLANTS *with* DAISIE FLOWERS. TAB. XIX.

1. Great DAISIE.
RAY 350. 1. Syn. 56. ed. 91. 2.



2. Common DAISIE.
RAY 349. 3. Syn 56. 2. ed 91.



3. SNEEZ-WORT.
RAY 344. 1. Syn. 56. ed. 91.



4 YARROW or NOSEBLEED.
RAY 345 c. 3. 1. Syn 56 ed. 91.



5 FEVERFEW.
RAY 357. 1. Syn 57. ed 93.

6. CORN MARY GOLD.
RAY 339. 3. Syn 247 ed 90. 1.

7. Yellow OX-EYE.
RAY 341. 9. Syn 56. ed 90.

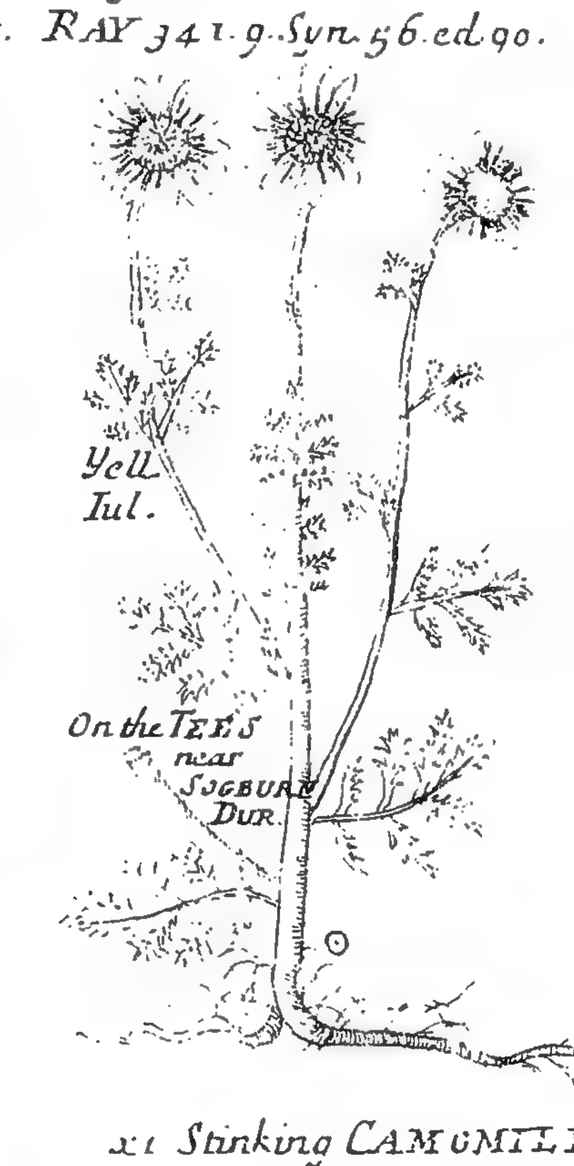
8. White OX-EYE.



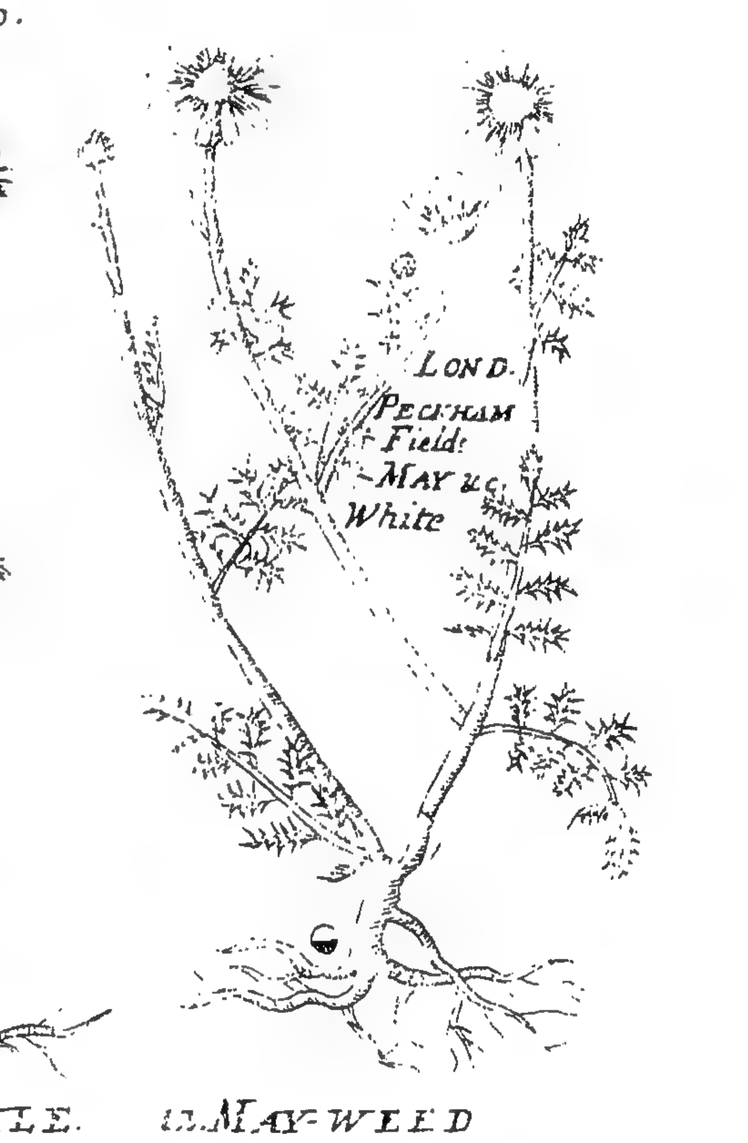
9 Fuller CAMOMILE.
RAY 355. 2. Syn 56. 1. ed 92. 1.



10. Sweet CAMOMILE.
RAY 353. c. 6. 1. Syn 57. 2. ed 92. 2.



11 Stinking CAMOMILE.
RAY 355. 3. Syn 57. 3. ed 92. 3.



12. MAY-WEED
RAY 355. Syn 56. ed 92.









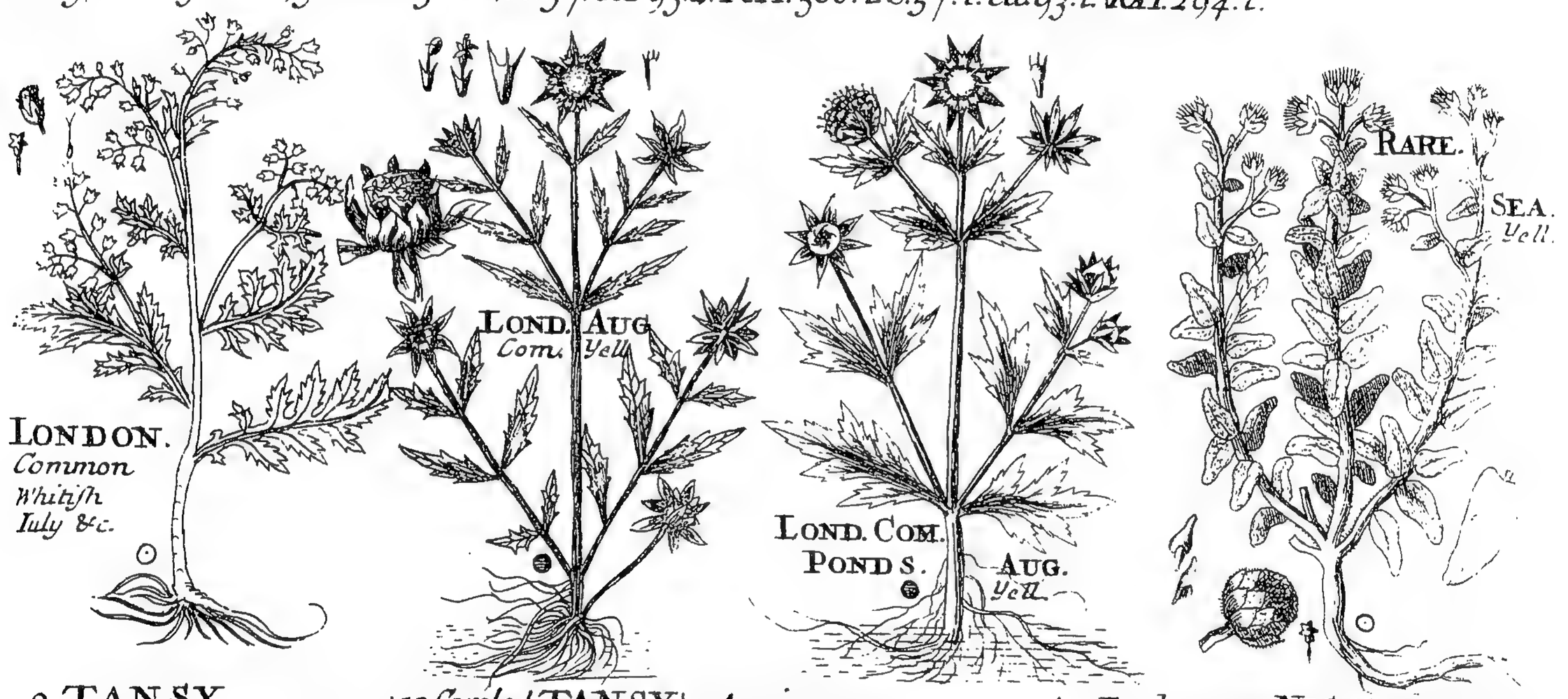
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ENGLISH PLANTS *with* BALD *or* NAKED FLOWERS. *Tab.* XX.

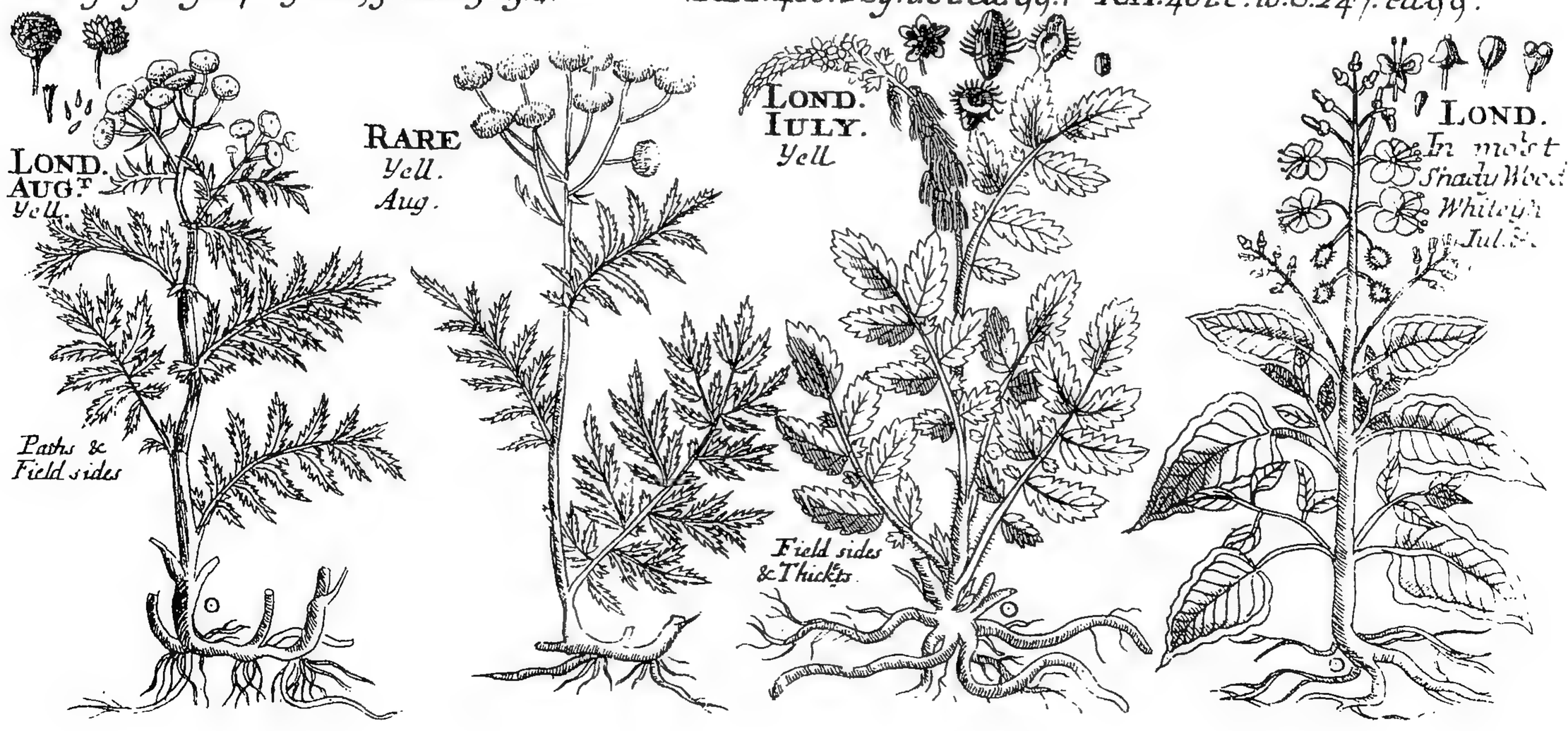
1. *Common* WORMWOOD | 2. ENGLISH *Sea* WORMWOOD | 3 FRENCH *Sea* WORMWOOD | 4 *Wild* SOUTERNWOOD.
RAY. 366. 2. *Syn* 58. 1 *ed.* 94. 1 | *RAY.* 370. 16. *S.* 58. 2. *ed.* 94. 2. | *RAY.* 370. 15. | *RAY.* 371 4 *S.* 58. *ed.* 94.



5. MUGWORT. | 6. *Bur* MARYGOLD | 7. *Divisid Bur* MARYGOLD. | 8 *Sea* COTTONWEED.
RAY. 372. 1. *S.* 58. *ed.* 95. | *RAY.* 361. 2. *S.* 57. *ed.* 93. 2 | *RAY.* 360. 1 *S.* 57. 1. *ed.* 93. 1. | *RAY.* 294. 1.



9. TANSY. | 10. *Curled* TANSY. | 11 *Agrimony.* | 12 *Enchanters* NIGHTSHADE.
RAY. 365. 1. *Synops.* 58. *ed* 93 | *RAY.* 365. 2. | *RAY.* 400. 1 *Syn.* 61 *ed.* 99. | *RAY.* 401 *c.* 10. *S.* 247. *ed* 99.



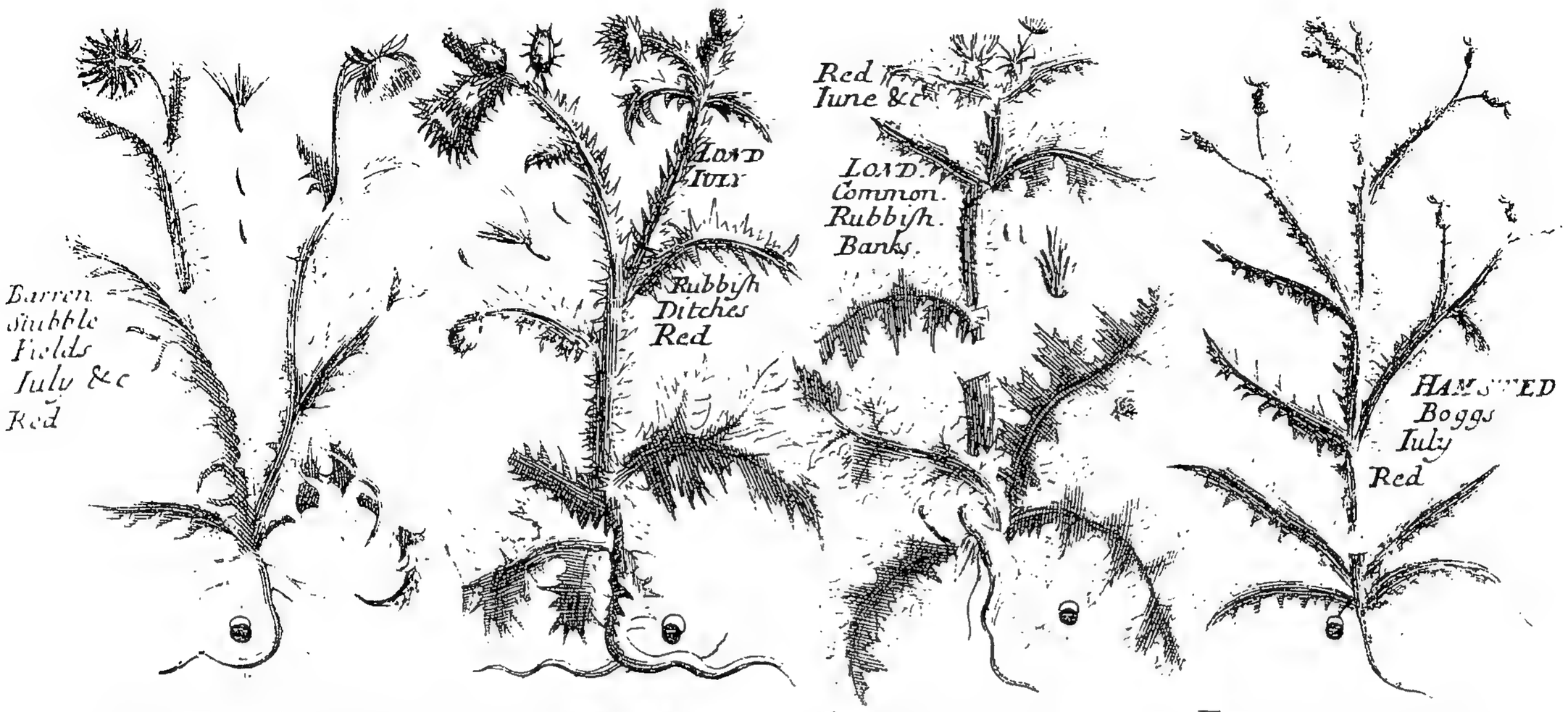
ENGLISH CAPITATED PLANTS *with* JAGGED HOLLOW *Flowers* TAB. XXI.

1. *Musk* THISTLE. RAY 308. 1. Syn. 53. 1. ed 86. 1.

2. *Welted* THISTLE. RAY 309. 2. S 53. 2. ed 86 2.

3. *Gray* THISTLE. RAY 309. 3. S 53. 2. ed. 86. 3.

4. *Marsh* THISTLE. RAY 309. 4. S. 53. 4. ed 86 4.



5. *Common* THISTLE. RAY. 310. 8 S. 53. 5. ed. 87. 5.

6 *Dwarf.* THISTLE. RAY. 310. 6. S. 53. 6. ed 87. 6

7. *Spear.* THISTLE. RAY. 310. 1 S. 547. ed. 87 7.

8. *Fryars.* THISTLE. RAY. 311. 3 S 548. ed. 87. 8.

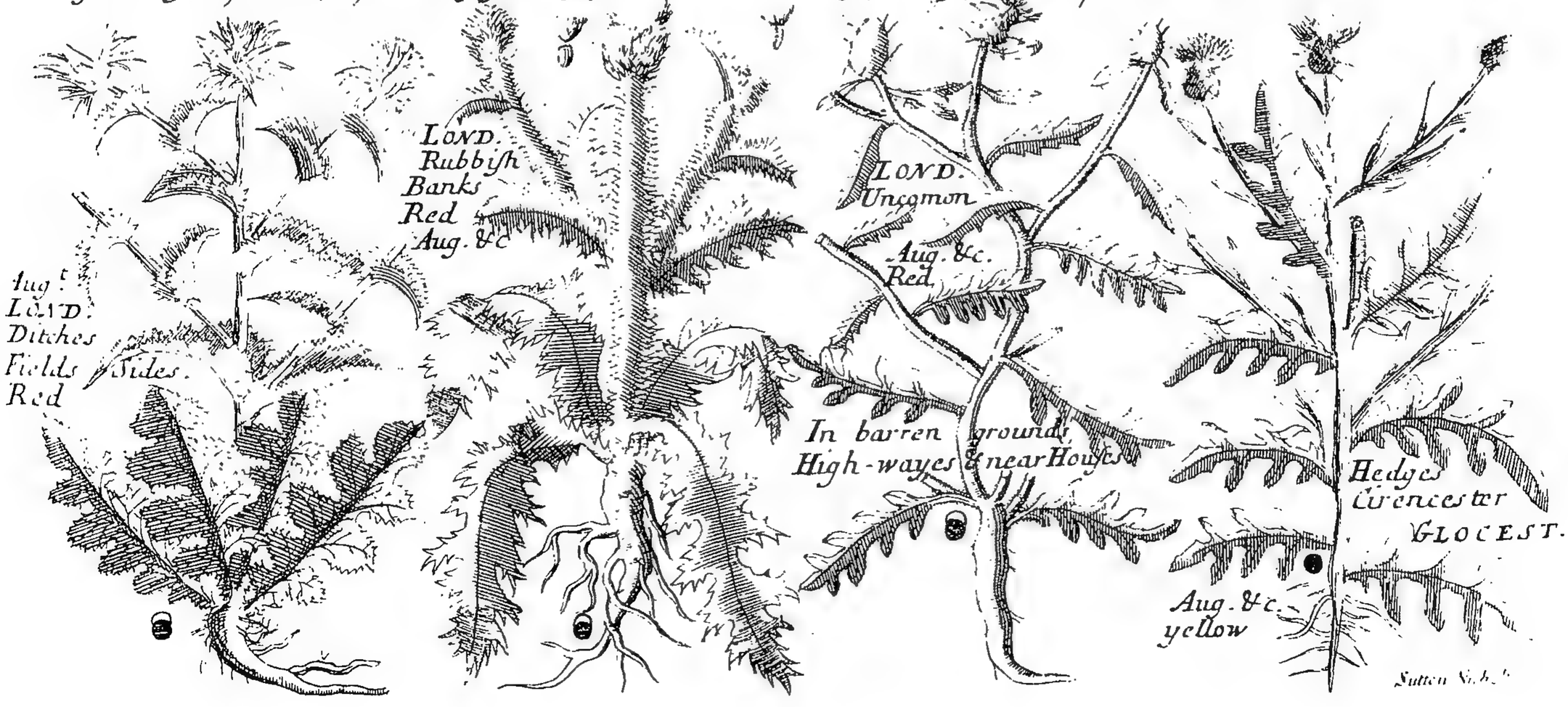


9. *Milke.* THISTLE. RAY. 312. 1 S. 54. 9. ed. 87. 9

10. *Cotton.* THISTLE. RAY. 313. 1. S. 541 11. ed. 87. 11.

11 *Star.* THISTLE. RAY. 317. 1. S. 541 2. ed. 87. 12

12 *Yellow.* THISTLE. RAY. 317. 4 S. ed. 88. 13.



ENGLISH CAPITATED PLANTS *with* IAGGED HOLLOW *Flowers* TAB. XXII

1. *Peckham* THISTLE. *RAY. 306. 7. Syn. 52. 1. ed. 85. 1*

In MARSHES *July Red*

2. *Northern.* THISTLE *RAY. 306. 8. S. 52. 2. ed. 86. 2*

MOUNTAINS *in the* NORTH *July &c. Red*

3. SAF FLOWER. *RAY. 302. 1. S. 54. ed. 88.*

SOWEN *in Fields &c*

July &c. Saffron

4. BLUE BOTTLES. *RAY. 321. 1. S. 55. ed. 89.*

Common in CORN *July Blue*

5. *Broad.* SAW-WORT

6. *Common.* SAW-WORT. *RAY. 331. c. 16. S. 54. ed. 88.*

7 MATFELLON. *RAY. 325. 11. S. 55. 1. ed. 89. 1*

8. *Common.* KNAPWEED. *RAY. 325. 12. Syn. 55. 2. ed. 89. 2.*

1st Common in AUG.ts WOODS *Red*

AUG.t *Rad.*

Very Common in Woods

CORN *July Red*

LOND.

PASTURES *Com. all Summer Red*

9. IAGGED KNAPWEED

10 *Common.* SCABIOUS *RAY. 374. 2. Syn. 59. 1. ed. 95. 1*

11 *Field* SCABIOUS *RAY. 374. 3. S. 592. ed. 96. 2.*

12 DEVILS. BIT. *RAY. 380. 21. Syn. 59. 3. ed. 96. 3.*

IUL. & AUG *Borders of* FIELDS *Common Red*

CORN. & *Pasteur gr. July Flesh*

Flesh

Dry & Hilly ground AUG.t

WOODS PASTEURS AUG.t *Blue*

ENGLISH PLANTS *with* BUR-HEADS.

TAB. XXIII.

1 BURDOCK.
RAY. 332. 1.



2. *Rose* BURDOCK
RAY. 332.



3. *Smallheaded* BURDOCK



4. *Small woolly headed* BURDOCK.



5. *Great woolly headed* BURDOCK.

6 *Cobweb-headed* BURDOCK. *RAY.* 332. 2. *S.* 55. *ed.* 88. 2.

7. *Manured* TEASEL *RAY* 382. 1 *S.* 59. *ed* 96.

8. *Wild* TEASEL *RAY* 382. 2 *S.* 59. *ed.* 96.









9. *Small wild* TEASEL *RAY* 382. 4. *S* 60. 3. *ed* 97. 3.

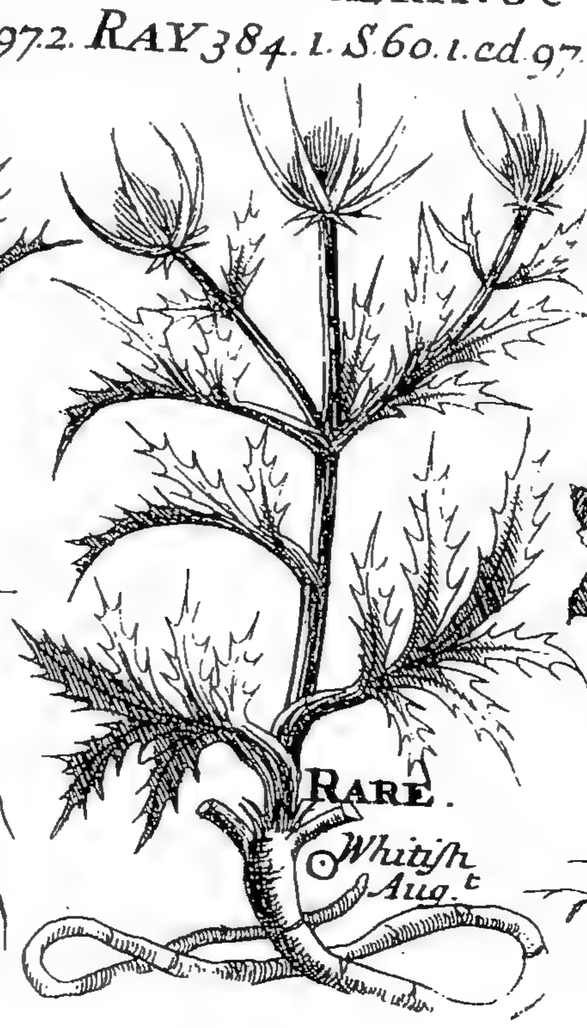
10. *Sea* ERINGO *RAY* 384. 3. *S* 60. 2. *ed* 97. 2.

11. *Common* ERINGO *RAY* 384. 1. *S* 60. 1. *ed* 97. 1.

12. SANICLE *RAY* 475. *c.* 4. *S.* 72. *ed* 115.









ENGLISH PLANTS *with* UMBELLIFEROUS *Flowers* TAB. XXIV.

1 COW PARSNEP. *RAY. 408. 1 Syn. 63. ed. 101.*

2 *Jagged* Cow PARSNEP *RAY. 408. 2 S. 63. ed. 102.*

3. *Garden* PARSNEP. *RAY. 410. 2 Syn. 63. ed. 102.*

4 *Wild.* PARSNEP. *RAY. 409. Syn. 63. ed. 102.*



5. *Great* HARTWORT. *RAY. 411. 1.*

6. *Small* HARTWORT. *RAY. 412. 2 S. 63. ed. 102.*

7. HOGS FENNEL. *RAY. 416. 1 Syn. 63. ed. 102.*

8 SAMPIRE. *RAY. 457. 2. S. 69. ed. 11.*

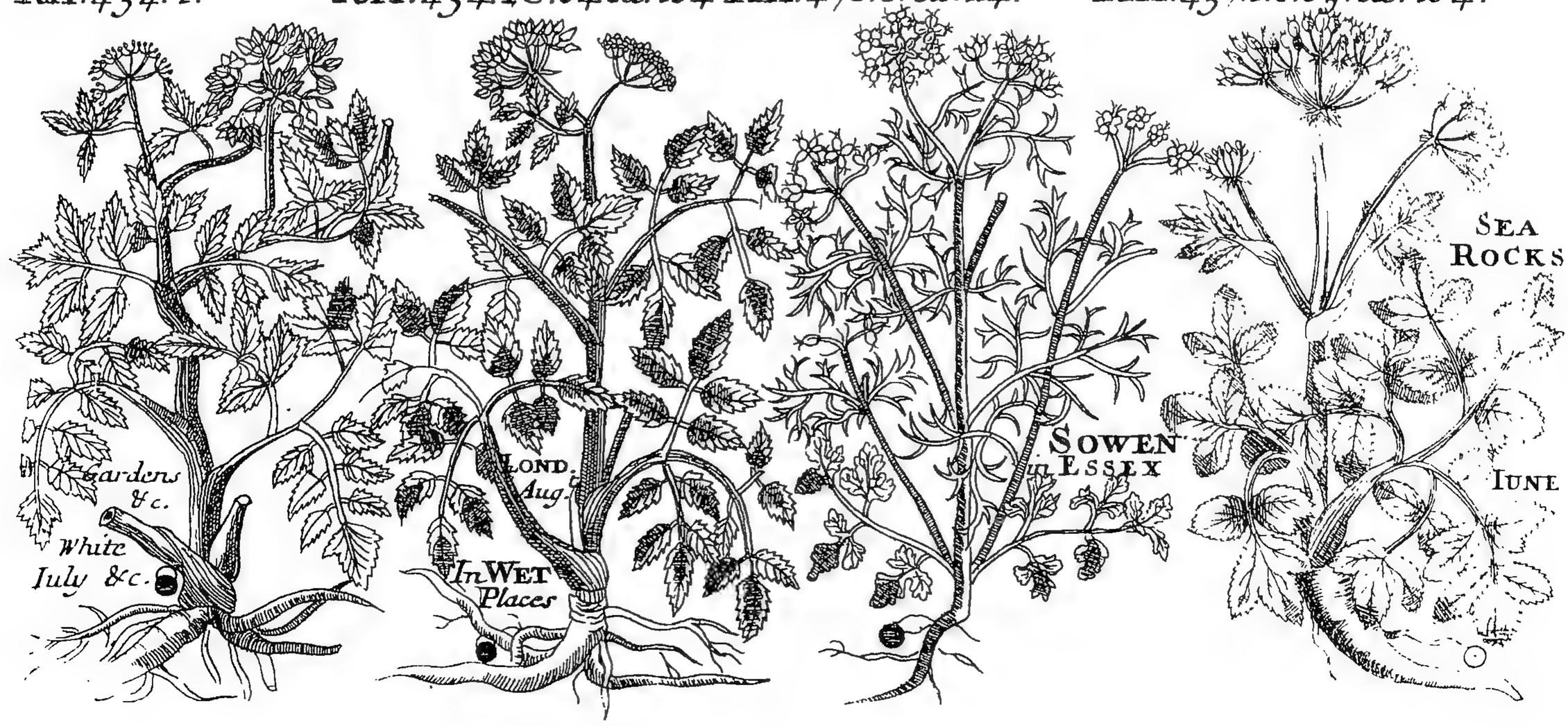


9. ANGELICA. *RAY. 434. 1.*

10. *Water.* ANGELICA. *RAY. 434. 2 S. 64. ed. 104*

11. CORIANDER. *RAY. 470. S. ed. 114.*

12. ALEXANDERS. *RAY. 437. 1. S. 65. ed. 104.*



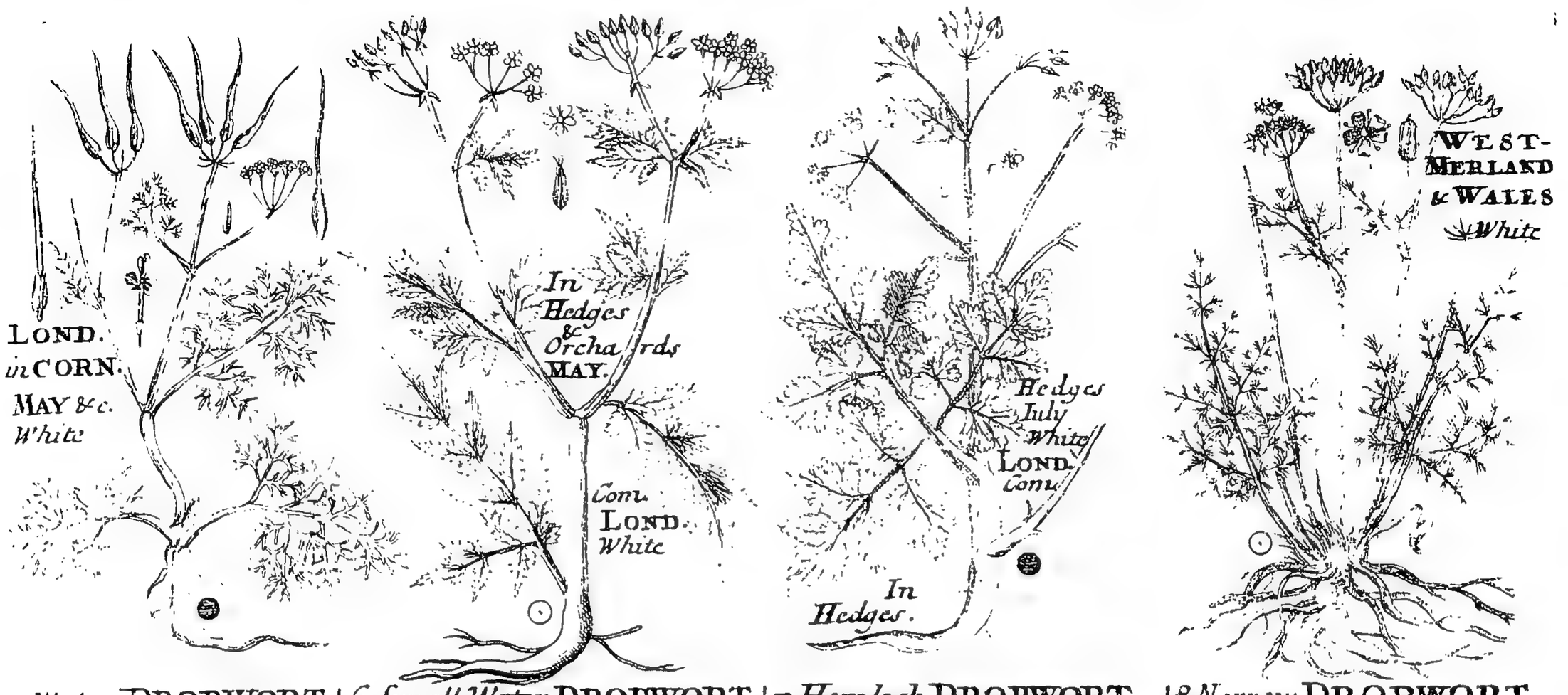
ENGLISH UMBELLS *with long and round* SEED. TAB. XXV.

1. VENUS *Comb.* — *RAY. 428. 1. Syn. 64. ed. 103.*

2. COW WEED. — *RAY. 429. 1. Syn. 64. ed. 103.*

3. *Wild.* CHERVIL. — *RAY. 431. 6. Syn. 64. ed. 103.*

4. SPIGNEL. *or* MEU. — *RAY. 432. 1. Syn. 64. ed. 104.*

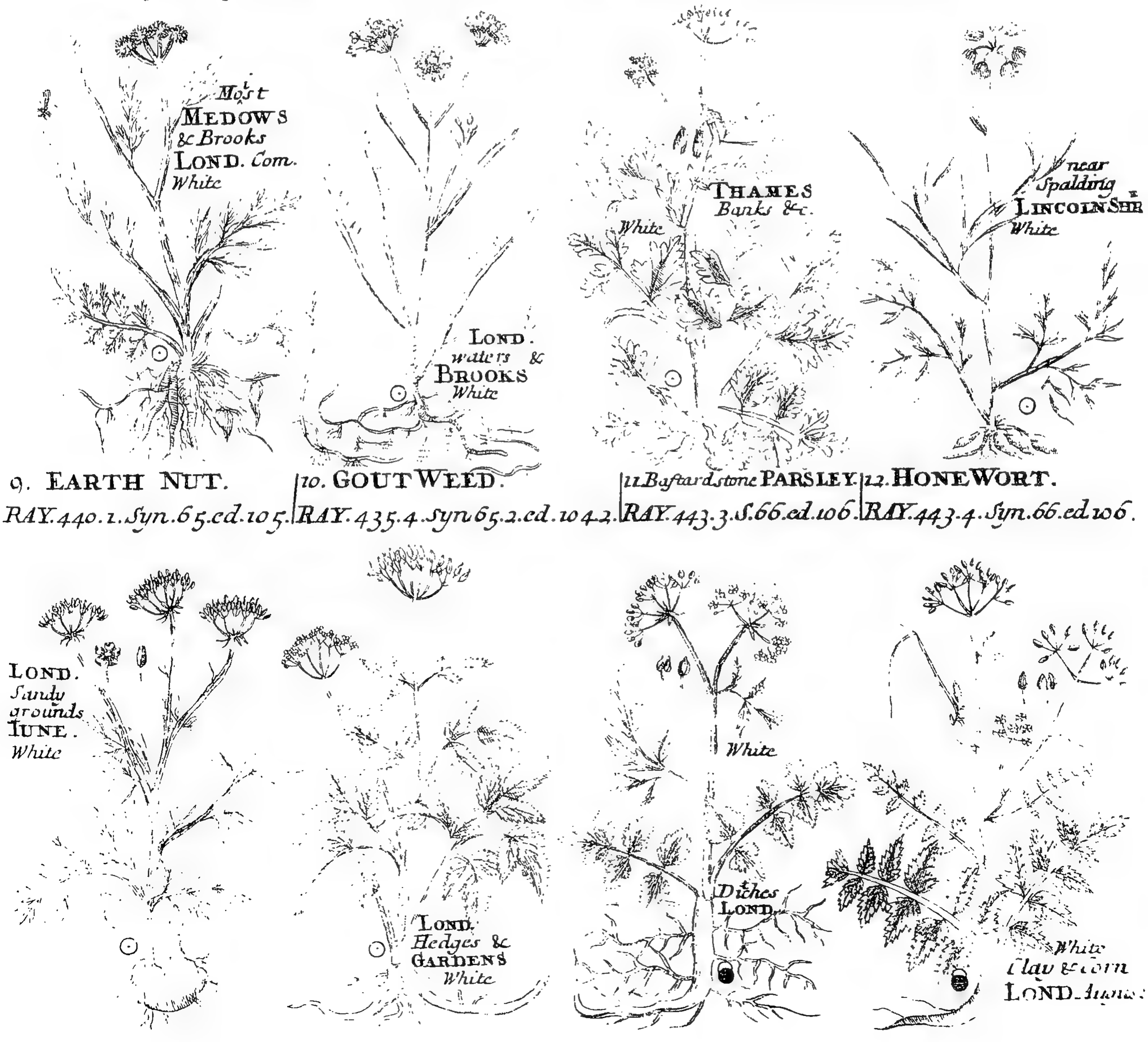


5. *Water* DROPWORT — *RAY. 441. 1. S. 65. ed. 105.*

6. *Small Water* DROPWORT. — *RAY. 441. 2. Syn. 66. ed. 106.*

7. *Hemlock* DROPWORT. — *RAY. 441. 4. Syn. 66. ed. 106. 3.*

8. *Narrow* DROPWORT. — *RAY. 442. 6. S. ed. 106. 4.*



9. EARTH NUT. — *RAY. 440. 1. Syn. 65. ed. 105.*

10. GOUT WEED. — *RAY. 435. 4. Syn 65. 2. ed. 104 2.*

11. *Bastard stone* PARSLEY. — *RAY. 443. 3. S. 66. ed. 106.*

12. HONEWORT. — *RAY. 443. 4. Syn. 66. ed 106.*

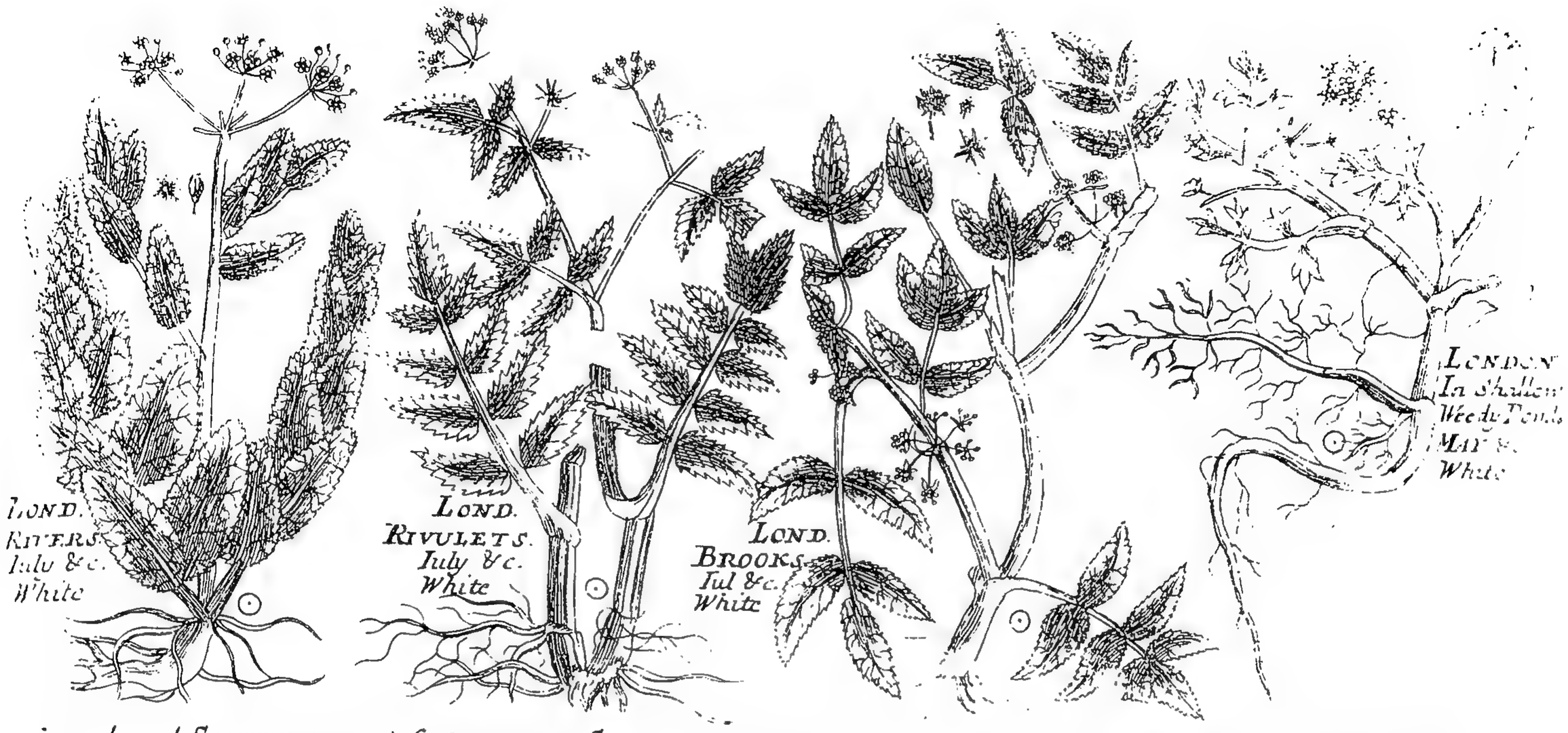
ENGLISH UMBELLS *with small round* SEED — TAB. XVI.

1. BROAD WATER-PARSNEP. RAY 443. 5. Syn. 66. 3. ed. 107. 3.

2. Narrow WATER-PARSNEP. RAY 444. 4. S. 66. 4. ed. 107. 4.

3. Creeping WATER-PARSNEP. RAY 444. 5. S 66. 5. ed. 107. 5.

4. Least WATER-PARSNEP RAY 444 6 S 67 6. ed 107 6.



2. Great broad SAXIFRAGE. RAY 445. 1. S. 67. 1. ed. 108. 1.

6. Great Cut SAXIFRAGE. Hist. Oxon.

7. Small broad SAXIFRAGE. RAY 445. 3. S 67 2. ed 108. 2.

8. Small Cut SAXIFRAGE. RAY 445. 4. S 67 3. ed 108. 3.

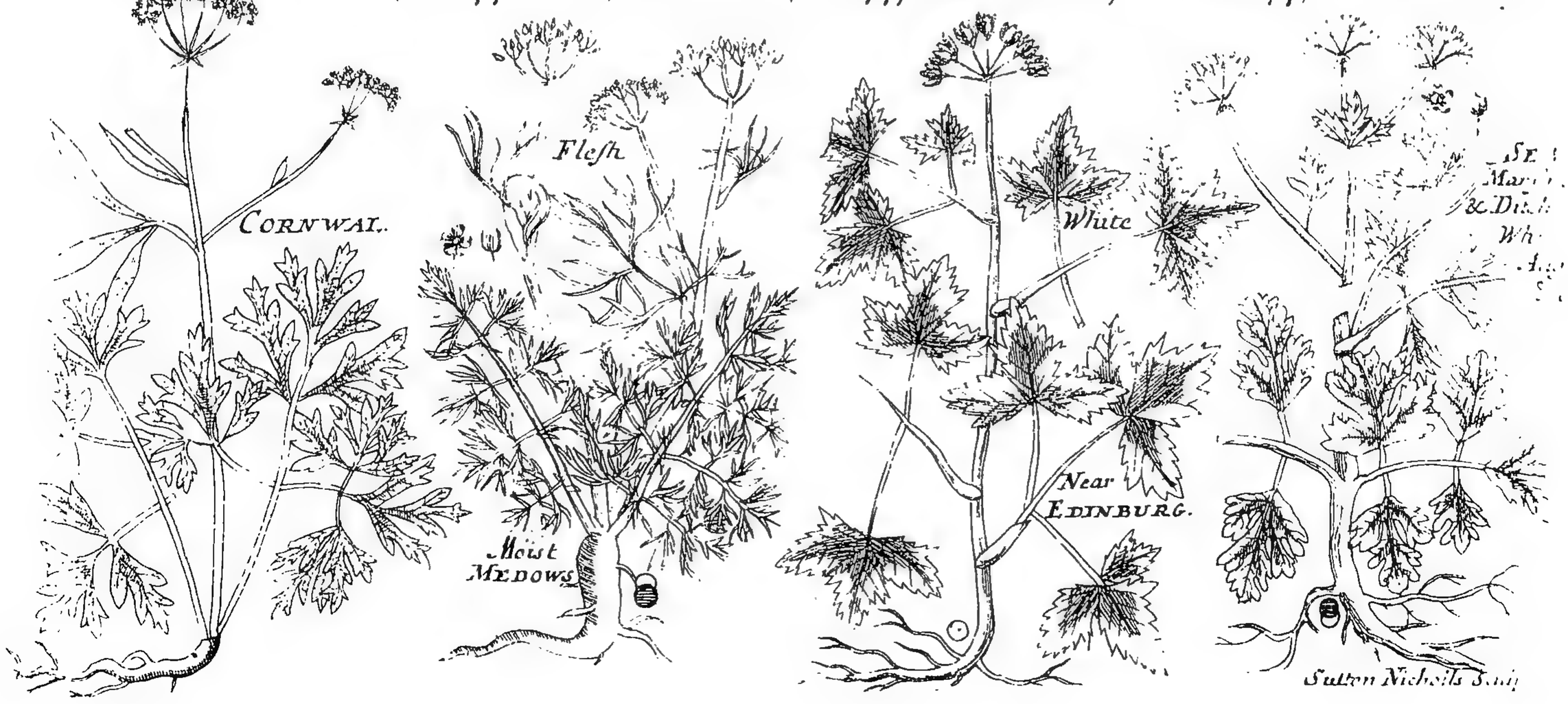


9. Cornwal SAXIFRAGE.

10. CARAWAIES. RAY 446. 1. S. 67. ed. 108. D.

11. SCOTCH PARSLEY. RAY 447. 1. S. 68. ed. 109.

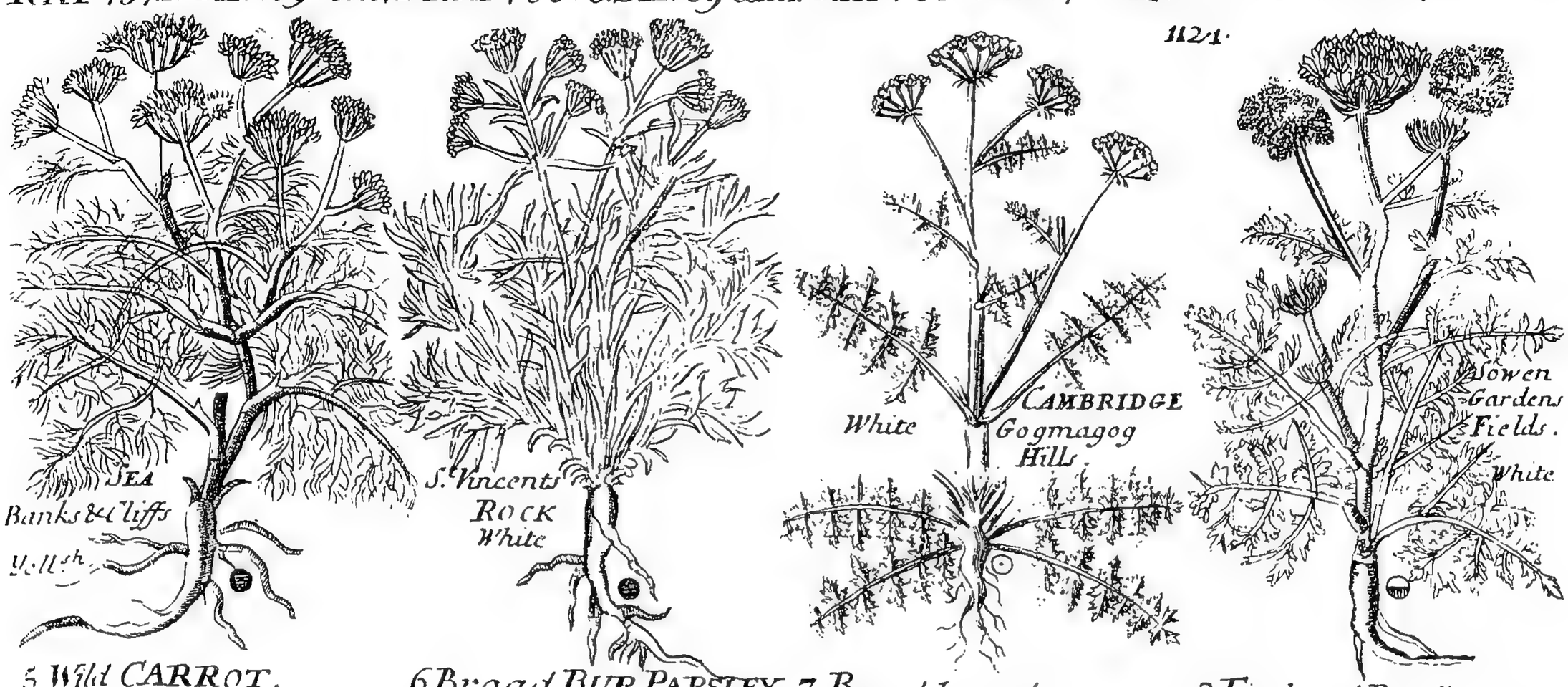
12. SMALLAGE. RAY 447. 2. S. 86. ed. 100 D.



ENGLISH UMBELLS *with* ROUGH SEED. TAB XXVII.

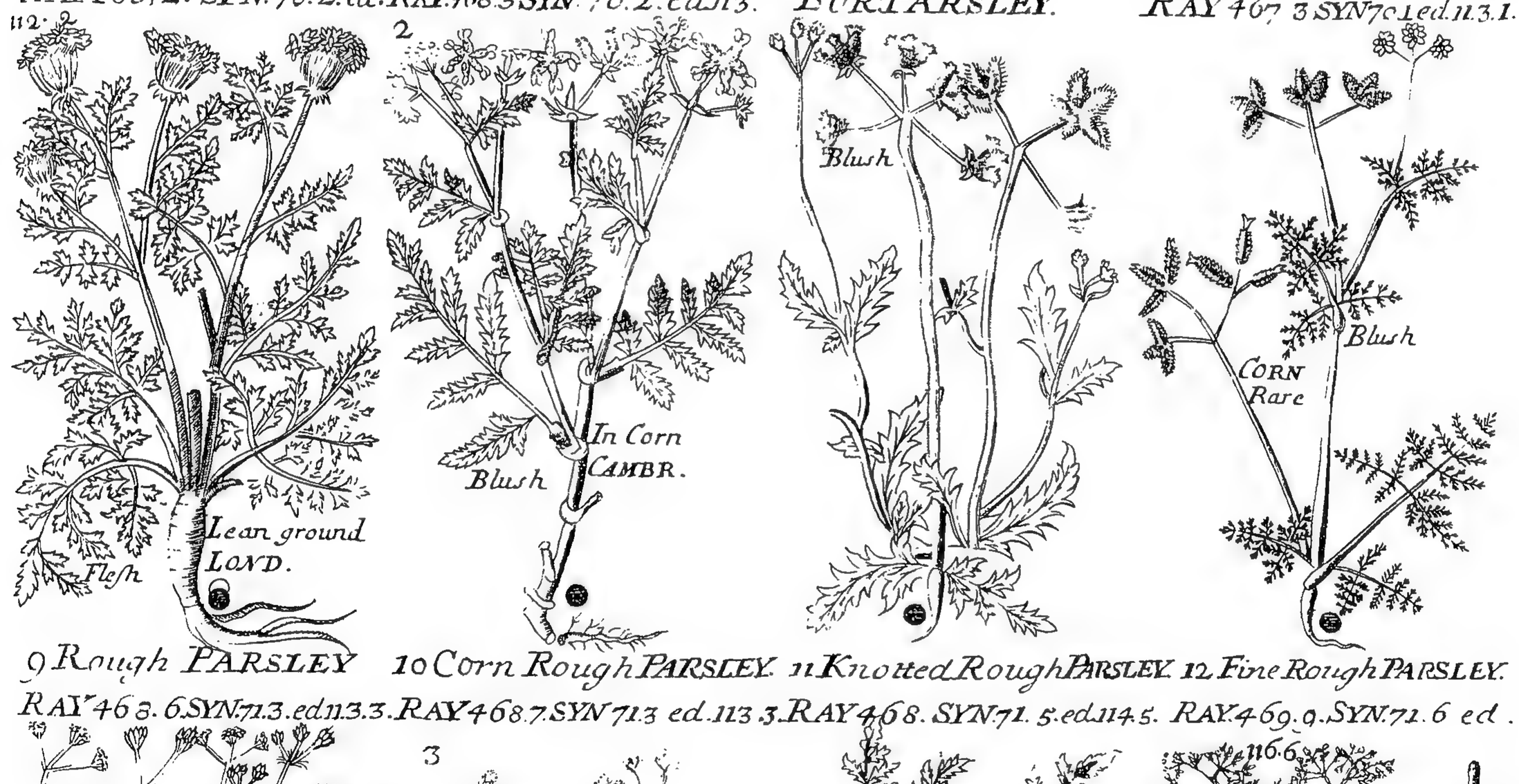
1 *Common* FENNEL. 2 ROCK PARSLEY. 3 *Mountain* STONE PARSLEY. 4 *Common* CARROT
RAY 457.1. SYN. 69. ed m. RAY 460. 5. SYN 69 ed m. RAY 463 5. SYN 70. ed m. RAY 465.1 SYN 70 1 ed.

112.1.

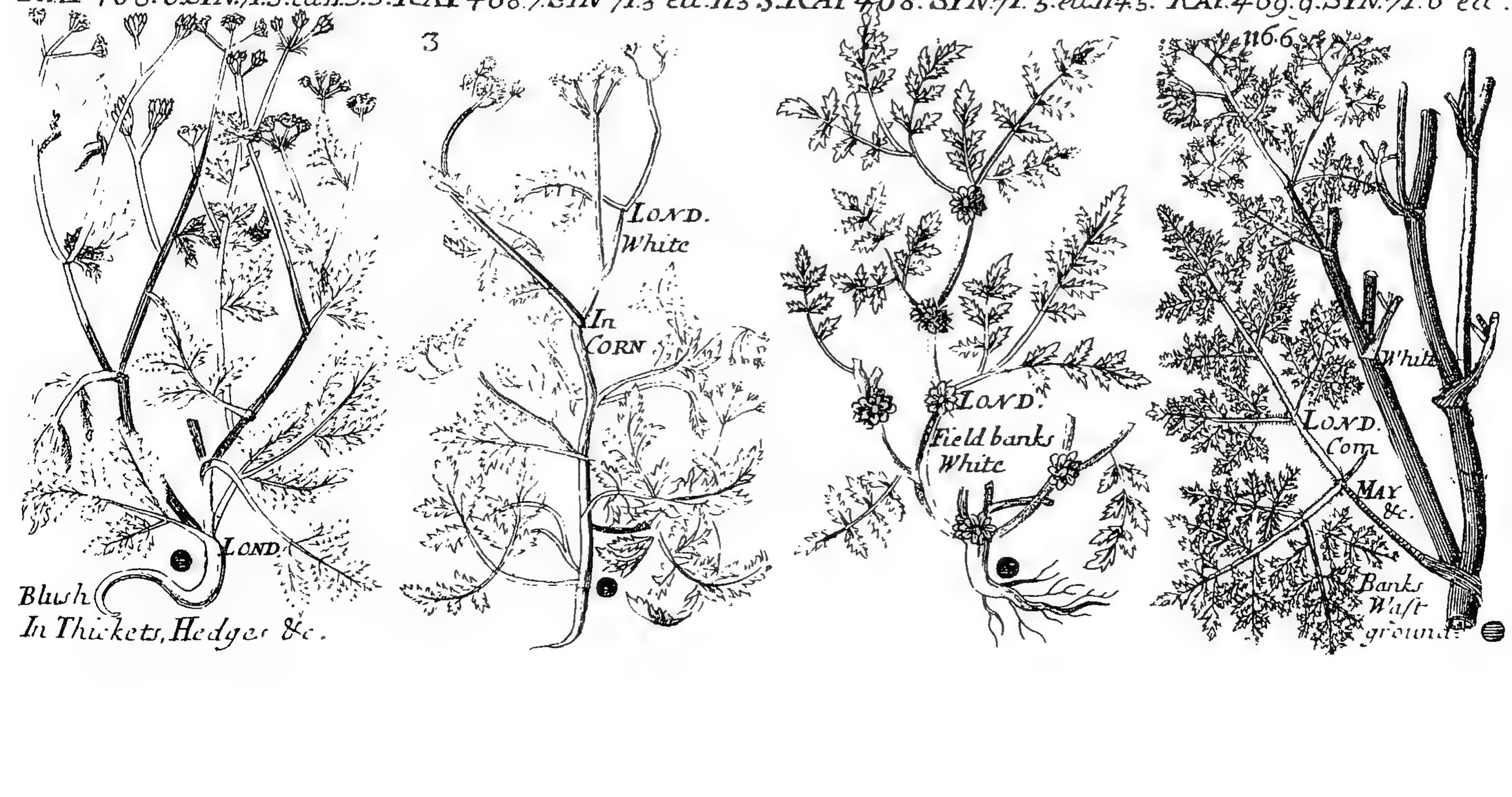


5 *Wild* CARROT. 6 *Broad* BUR PARSLEY. 7 *Broad Jagged*
RAY 465, 2. SYN. 70. 2. ed. RAY. 468. 5 SYN. 70. 2. ed m 3. BUR PARSLEY.
8 *Fine leaved* BUR PARSLEY
RAY 467 3 SYN 70 1 ed m 3. 1.

112. 2

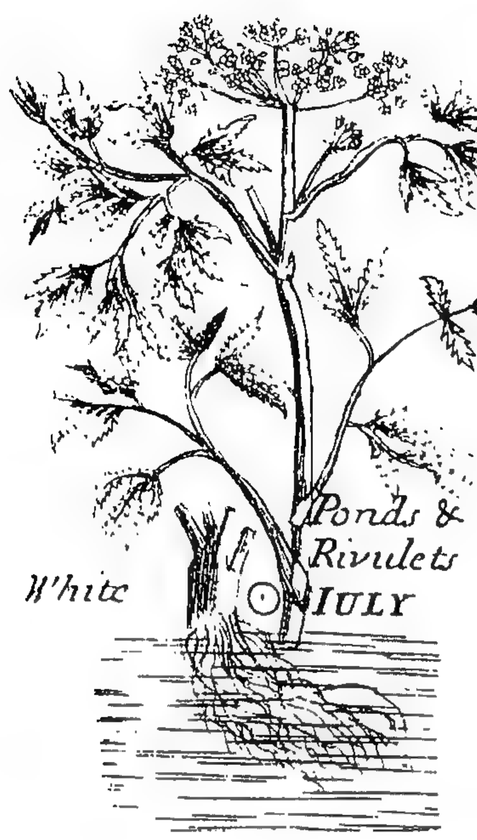


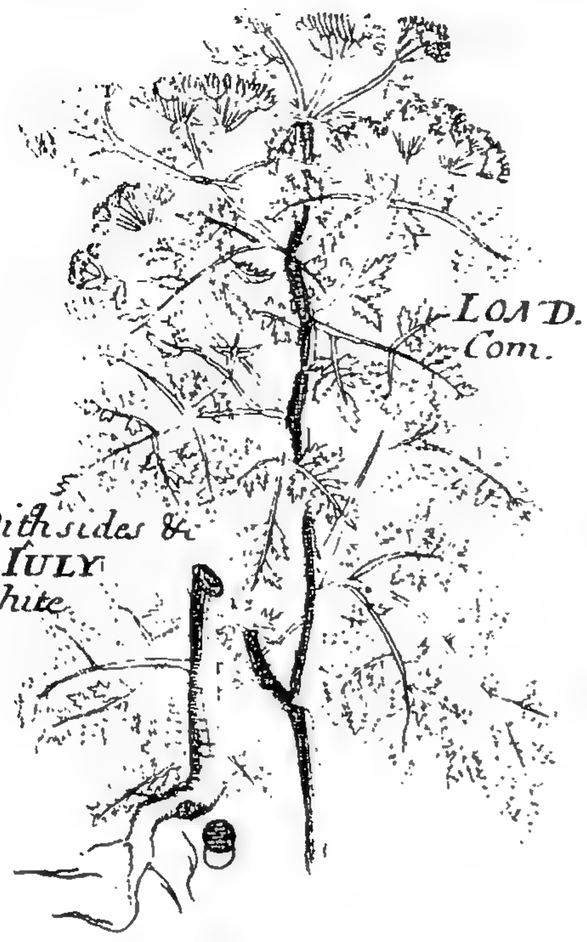
9 *Rough* PARSLEY 10 *Corn Rough* PARSLEY. 11 *Knotted Rough* PARSLEY. 12 *Fine Rough* PARSLEY.
RAY 468. 6 SYN. 71. 3. ed m 3. 3. RAY 468. 7. SYN 71. 3 ed. m 3 3. RAY 468. SYN. 71. 5. ed m 4 5. RAY. 469. 9. SYN. 71. 6 ed.



ENGLISH UMBELLS & PLANTS *with Rough Leaves.* TAB. XXVIII

1 Great Water HEMLOCK 2 Common HEMLOCK. 3 Lesser HEMLOCK 4 The Water HEMLOCK
RAY 450.1. SYN 68 ed 109. RAY 451.2 SYN 68.1 ed 110.1 RAY 451.3 SYN 68.1 ed 112 RAY 452.6 SYN 69 ed 110.





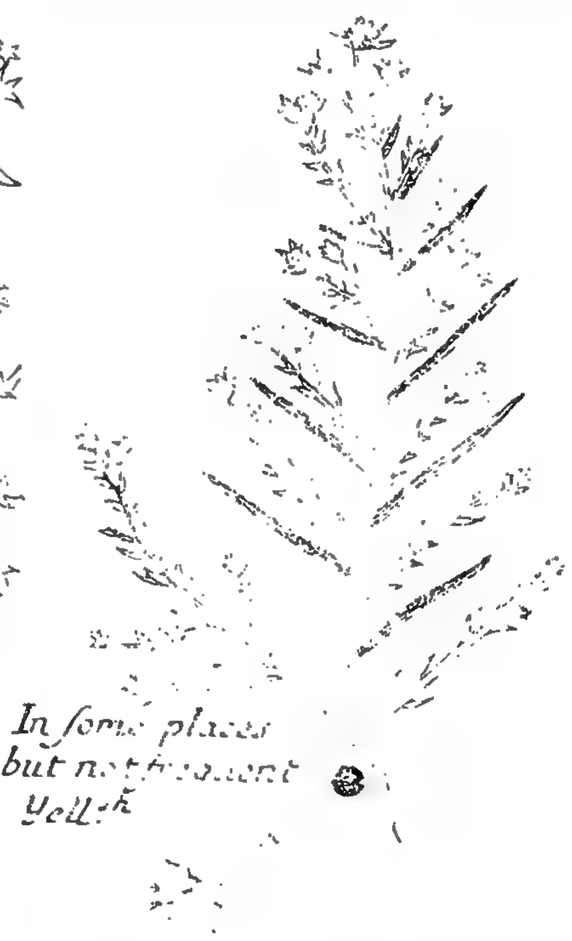




5 Meadow SAXIFRAGE *6 Prickly SAMPIRE* *7 Least HARES EAR* *8 THOROW WAX*
RAY 453 1 SYN. 69. ed. 110. *RAY 460 1 SYN 69 ed 111.* *RAY 474 4. SYN 72. ed 115* *RAY 47 1 SYN 72 ed 115*

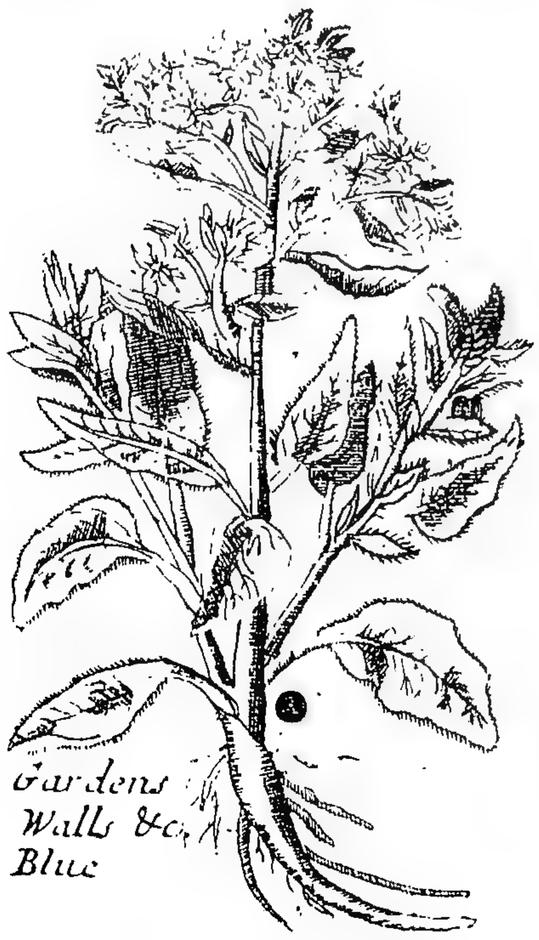








9 Common BORAGE *10 Small Wild BUGLOSS* *11 Great HOUNDSTONGUE* *12 Green Houres TONGUE*
RAY 493 SYN. 76. ed. 120. *RAY 494 3 SYN. 75. ed. 119* *RAY 489 1. SYN. 75 1. ed 119.1 RAY 491. 8 SYN. 752. ed 119. 2*









ENGLISH PLANTS *with Rough LEAVES, & a mealy 4 SEED.* TAB. XXIX.

1. Vipers BUGLOSS. *2. Small Vipers* BUGLOSS. *3. Sea* BUGLOSS. *4. Long* BUGLOSS *Cowslips.*

RAY 498. 1. Syn. 75. ed. 119. RAY Syn. edit. 119. RAY 500. 13. S. 76. 2. ed. 119. RAY 489. 3. Syn. 75. ed. 118.









5. COMFREY. *6. Blew* GROMILL. *7. Slop* GROMILL *8. Bastard* GROMILL.

RAY 505. 1. S. 77. ed. 121. RAY 503. 2. S. 76. ed. 120. 2. RAY 503. 1. Syn. 76. S. ed. 120. 1. RAY 5[illegible]. 5. Syn. 75. 3. ed. 120. 3



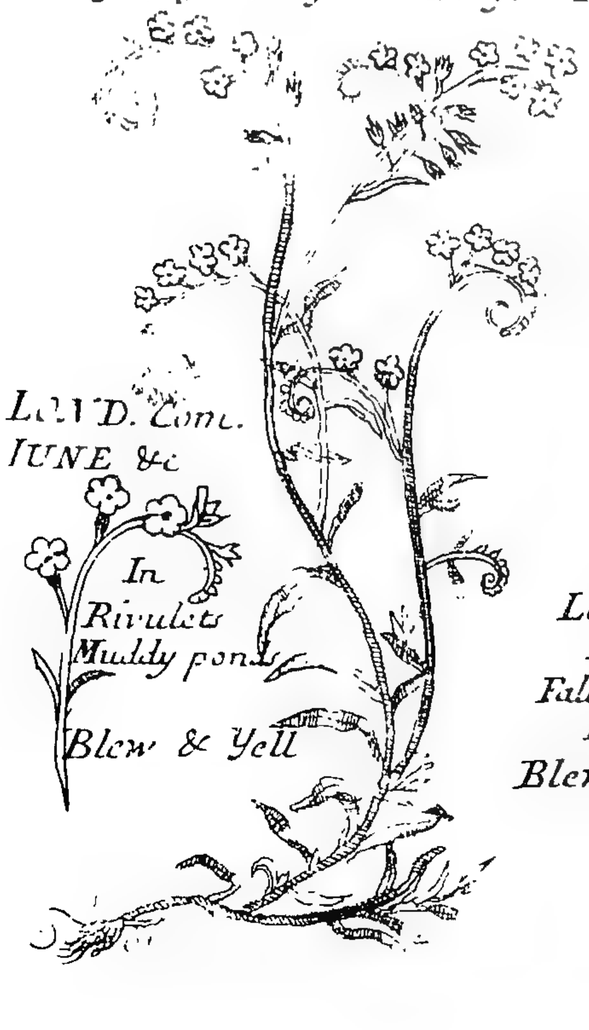






9. Water SCORPION-GRASS. *10. Field* SCORPION-GRASS. *11. Small* SCORPION-GRASS. *12. German* MADWORT.

RAY 504. 3. S. 77. 3. ed. 121. 3. RAY 504. 1. S. 77. 1. ed. 121. 1. RAY 504. 2. S. 77. 2. ed. 121. 2. RAY 502. 8. S. 76. ed. 120.

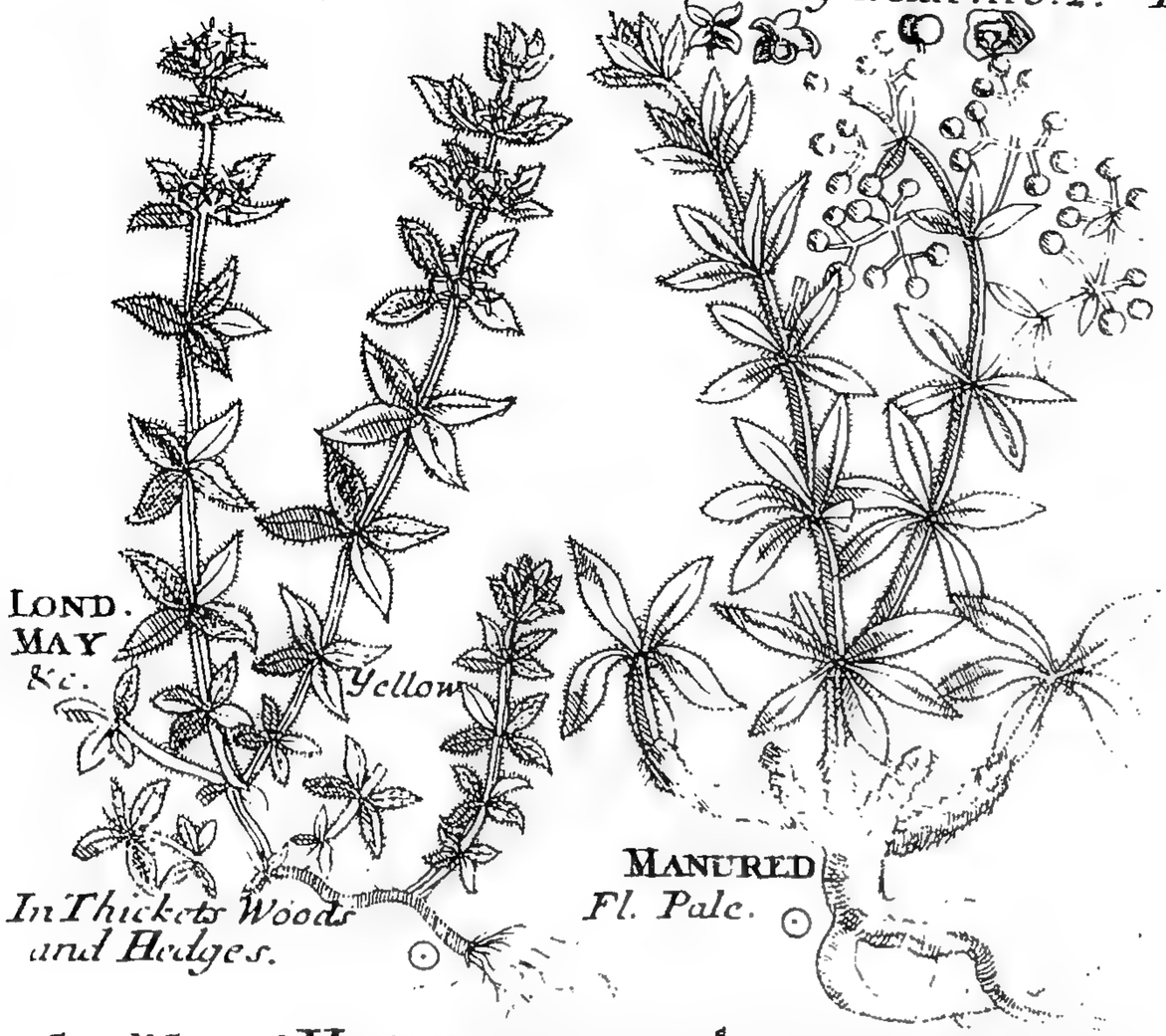


ENGLISH HERBS *with* STARRY *Leaves.*

TAB. XXX.

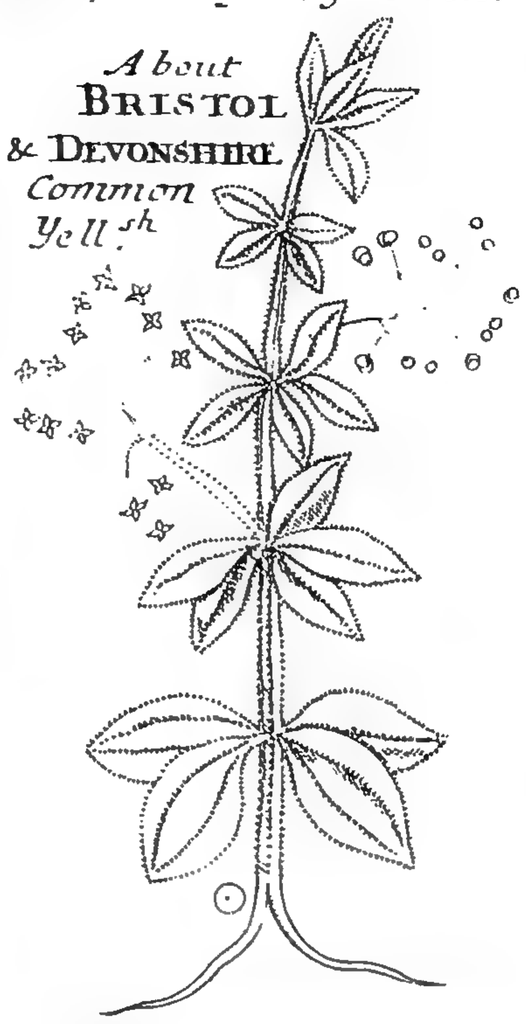
1. CROSS-WORT or MUGWEED 2. *Garden* MADDER

RAY 479. 1. Syn. 73. ed. 116. *RAY 480. 1. Syn. edit. 116. 2.*



3. *Wild* MADDER

RAY 480. 2. Syn. 73. ed. 116. 1.



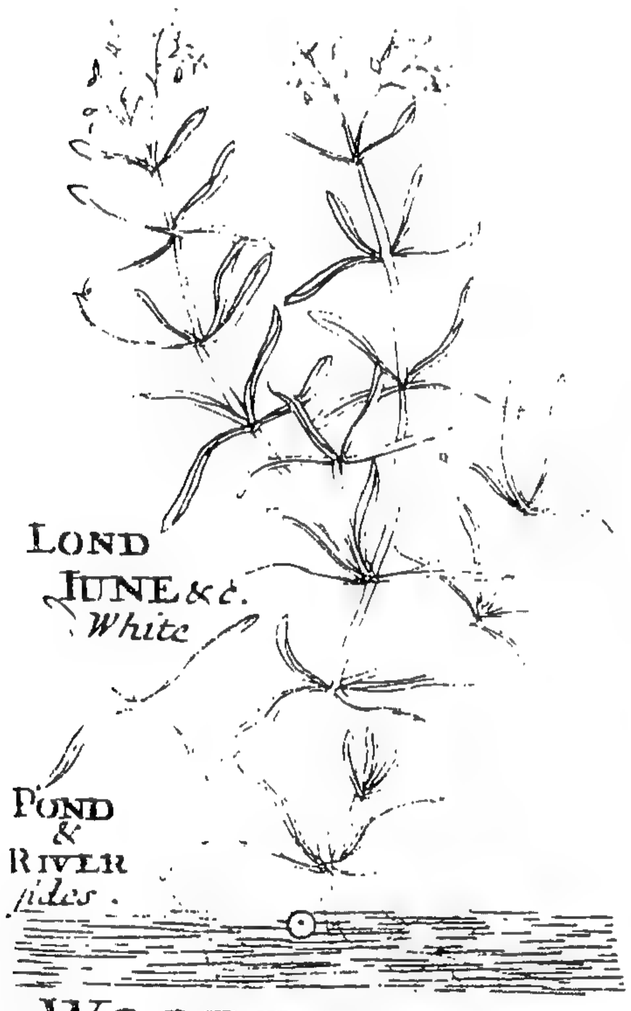
4. *Great Smooth* MADDER

RAY 481. 1. Syn. 73. 1. ed. 116. 1.



5. *Small Smooth* MADDER 6. RAY's *Small* MADDER 7. *Cross-wort* MADDER 8. *Yellow* BEDSTRAW

RAY 481. 3. Syn. 73. 2. ed. 117. 2. *RAY 482. 4. Syn. 74. 3. ed. 117. 4.* *RAY 478. 1. Syn. 73. ed. 117. 3.* *RAY 482. 1. Syn. 74. ed. 117.*



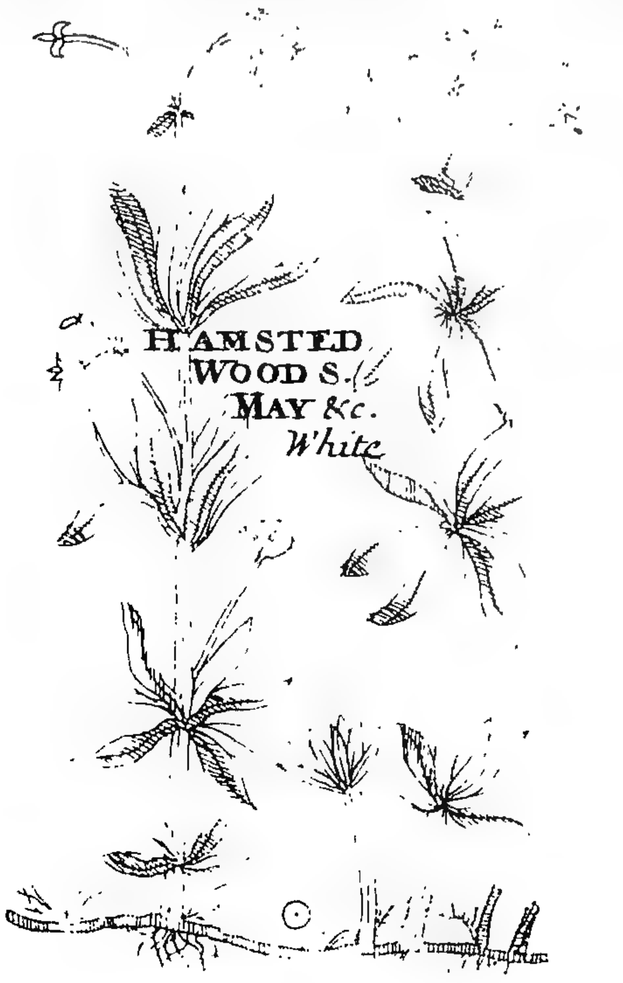






9. WOODRUFF

RAY 483. 1. Syn. 74. ed. 117.



10. *Blue Feild* MADDER

RAY 483. 3. Syn. 74. ed. 118.



11. CLEAVERS *or* GOOSE-GRASS. 12. SQUINANCY-WORT.

RAY 484. 1. Syn. 74. 1. ed. 118. 1. *RAY 485. c. 9. 1. Syn. 74. ed. 118.*





ENGLISH *Whirl* PLANTS *with Hooded & Lipt* FLOWERS. *TAB.* XXXI

1 *Common* MOTHER *of* THYME. 2 *Large flowred* MOTHER *of* THYME. 3 *Upright broad* THYME 4 LEMON THYME.

RAY 521. 4. *Syn.* 78. 1. *ed* 122. 1. *RAY* 521. 4. *Syn.* 78. 2. *ed* 122. 2. *RAY* 521. 2. *RAY* 522. 5. *Syn.* 78. 4. *ed.* 122. 4.



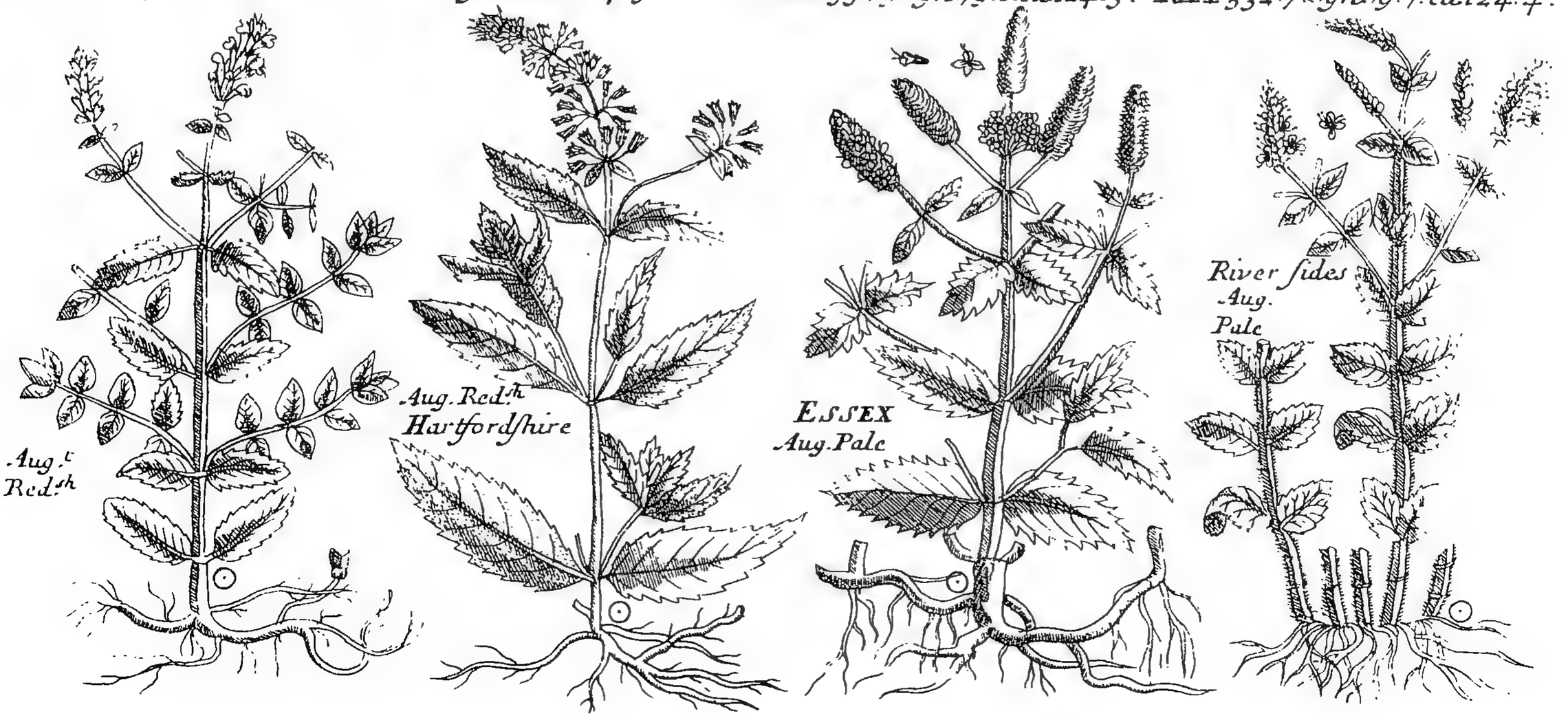
5. *Water* WHIRL-MINT 6. *Common Water* MINT 7. *Red* MINT 8. *Cross Whirl* MINT

RAY 530. 1. *Syn* 78. 1. *ed* 123. 1. *RAY* 533. 12. *Syn.* 78. 3. *ed* 123. 4. *RAY* 530. 2. *Syn.* 78. 2. *ed* 123. 3. *RAY* 531. 3. *Syn. edit.* 124. 6.



9 ESSEX *Pepper* MINT 10 EALES *Pepper* MINT 11 *Long* HORSE MINT 12 *Round* HORSE MINT

RAY 532. 7. *Syn.* 79. 5. *ed* 124. 2 *RAY Syn. edit.* 124. 5. *RAY* 532. 0. *Syn.* 79. 6. *ed* 124. 3. *RAY* 532. 7. *Syn.* 79. 7. *ed* 124. 4.



1. NEP *or* CAT-MINT. 2 *Penny-Royal or Pudding grass.* 3. *White* HOREHOUND. 4. *Stinking* HOREHOUND.
RAY. 548. *Syn* 80. *ed.* 125. *RAY.* 533. *Syn.* 79. *ed.* 125. *RAY.* 556. *S.* 82 *ed.* 128. *RAY.* 571. *Syn.* 84 *ed.* 132.



5. *Water* HOREHOUND. 6. *Wood* BETONY. 7. HEDGE NETTLE. 8. ENGLISH CLARY.
RAY. 535. *S.* 79. *ed.* 125. *RAY.* 550. *S.* 80. *ed.* 127. *RAY.* 548. *Syn.* 80. *ed.* 127. *RAY.* 544. 2. *Syn.* 80. *ed.*



9. *Great Wild* BASIL. 10. *Small Wild* BASIL. 11. *Common* SELF-HEAL. 12. *Base* HOREHOUND.
RAY. 558. 17. *S.* 81. *ed.* 129. *RAY.* 553. 1. *S.* 81. *ed.* 128. *RAY.* 551. 1. *Syn.* 80. *ed.* 128. *RAY.* 554. 1. *Syn.* 81. *ed.* 128.

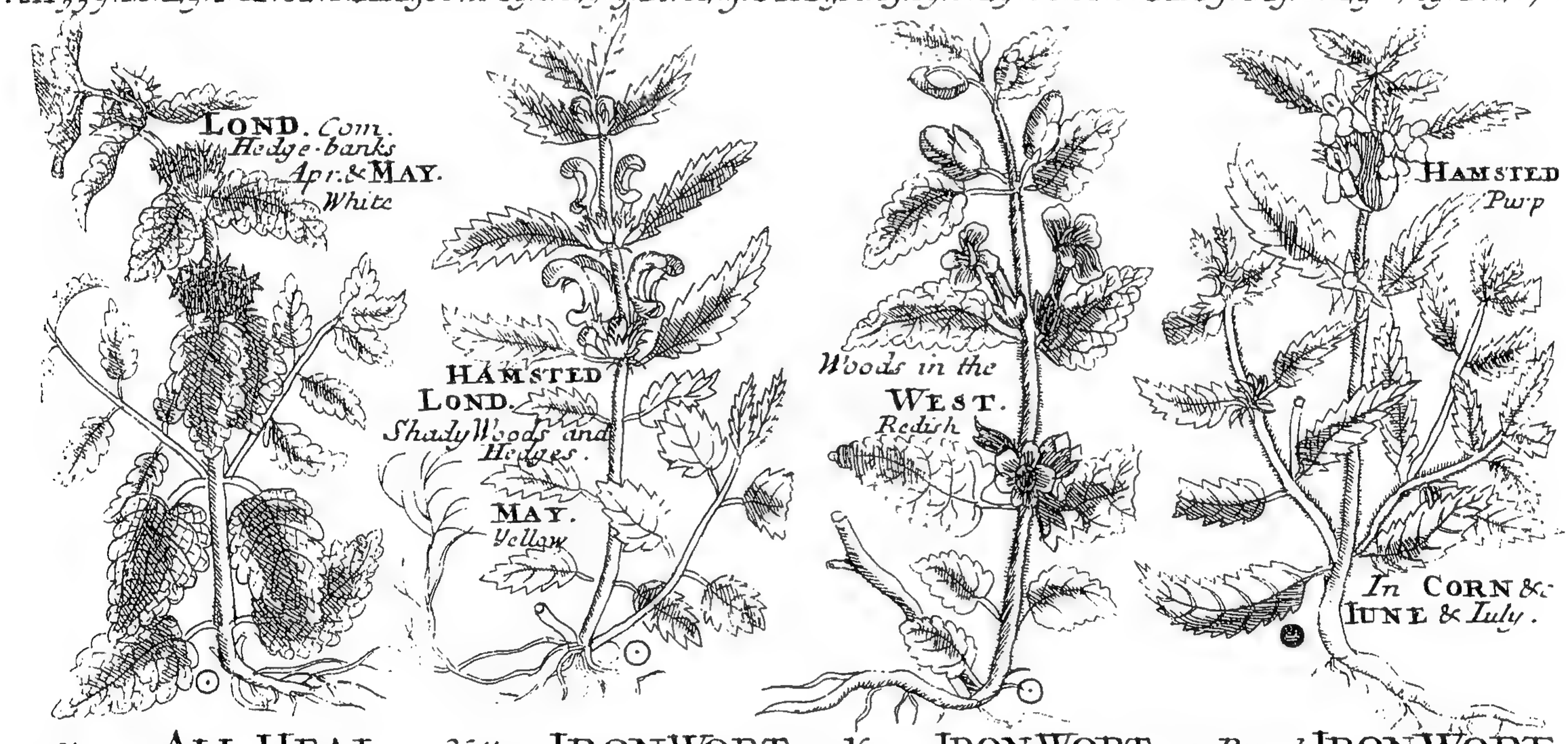


ENGLISH PLANT *Swith Hood & Lipt* FLOWER S. *TAB.* XXXIII.

1.Ground-Ivy. or ALEHOOF *2.Red* ARCH-ANGEL *3 Red cut-leaved* ARCH-ANGEL *4 Great* HENBIT.
RAY567. 1.Syn.131. et. 83 . RAY559. 3. Syn. 129. et. 82. 2. RAY560. 6. Syn. 129. 3. et. 82. 3. RAY. 560. 10. S. 129. 4. et. 82.



5. White ARCH-ANGEL. *6 Yellow* ARCH-ANGEL *7. Bastard Balm* *8. Purple* NETTLE HEMP.
RAY559. 1. S. 129. 1. et. 82. 1. RAY560. 11. Syn. 129. 5. et. 82. 5. RAY561. 13. Syn. 129. 6 S. 82. 6. RAY561. 13. S. 129. 7 Syn. 82. 7.



9. Clowns ALL HEAL *10. Yellow* IRON WORT *11. Narrow* IRON WORT *12 Round* IRON WORT.
RAY563. 3. S. 130. 1. et. 83. 1. RAY566. 15. S. 130. 3. et. 83. 3 RAY566. 16. S. 130. 4 et. 83. 4 RAY566. 16. Syn. 130. 2. et 83. 2.



ENGLISH *Whirl* PLANTS *with Hood or Lipt* FLOWERS. TAB. XXXIV.

1. *Common* CALAMINT. *RAY 569. 1. Syn. 83. ed. 131. 1.*



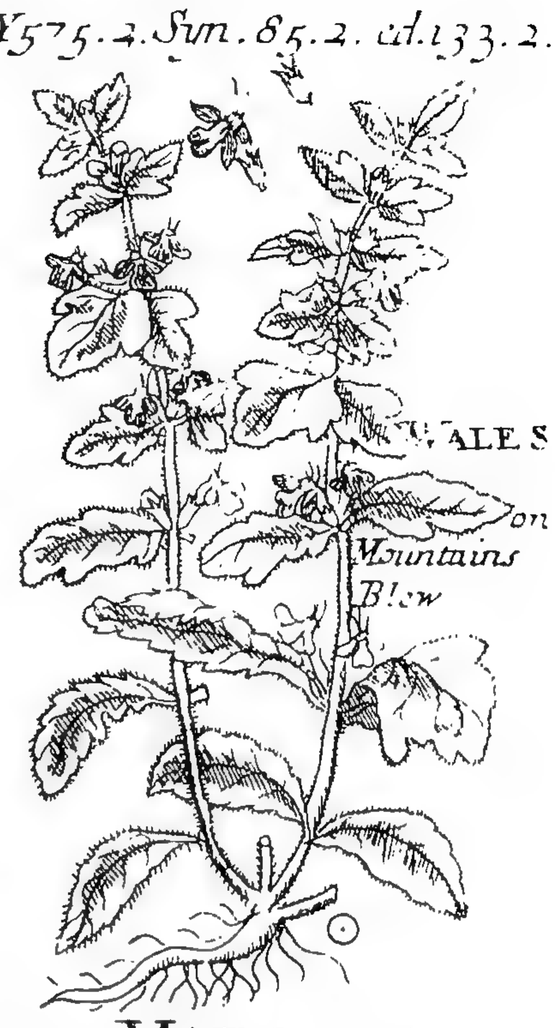
2. *Field* CALAMINT. *RAY 569. 2 Syn. 83. ed. 132.*



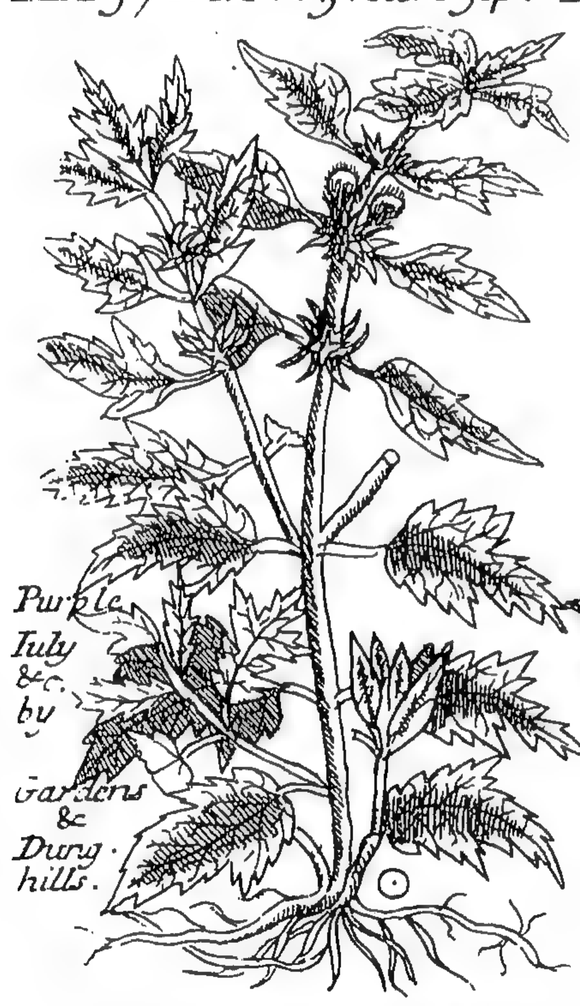
3. *Common* BUGLE. *RAY 575. 1. Syn. 84. ed. 133. 1.*



4. *Mountain* BUGLE. *RAY 575. 2. Syn. 85. 2. ed. 133. 2.*



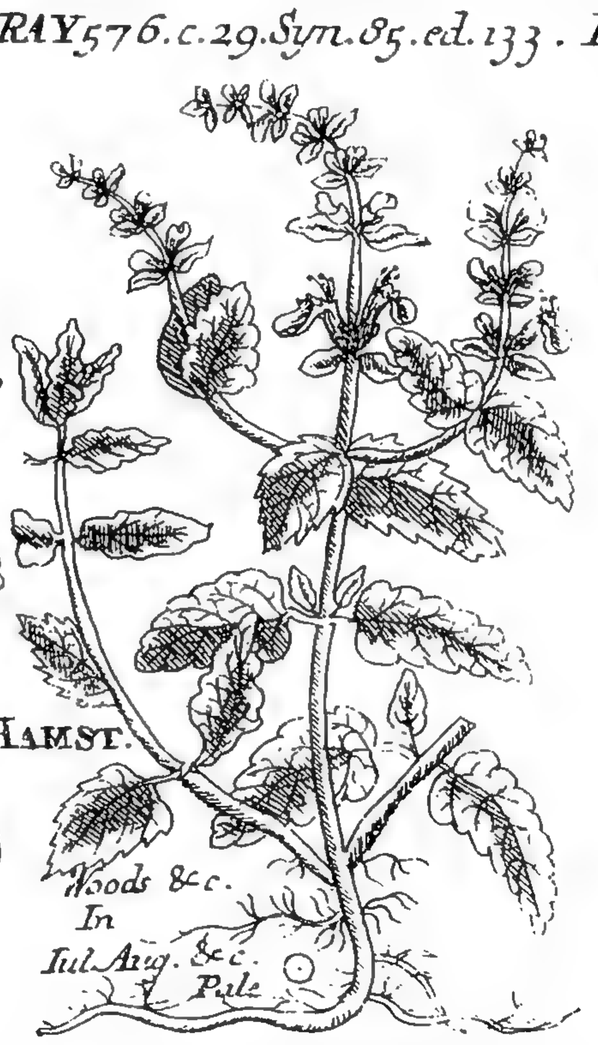
5. MOTHERWORT *RAY 571. 1. S. 85. ed. 134.*



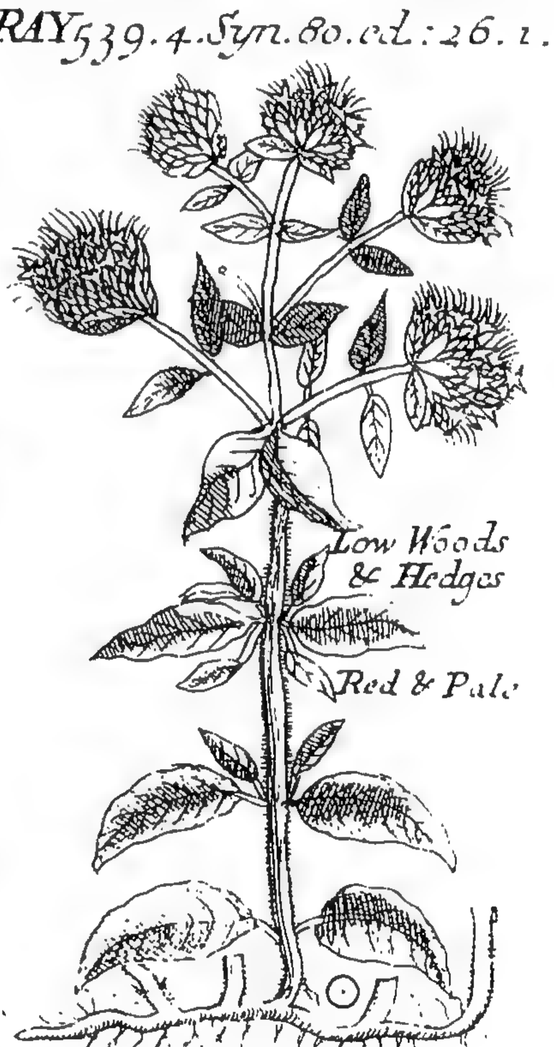
6. SCORDIUM. *RAY 576. c. 30 S. 85. ed. 133.*



7. *Wood* SAGE. *RAY 576. c. 29. Syn. 85. ed. 133.*



8. *Wild* MARJORAM. *RAY 539. 4. Syn. 80. ed. 126. 1.*

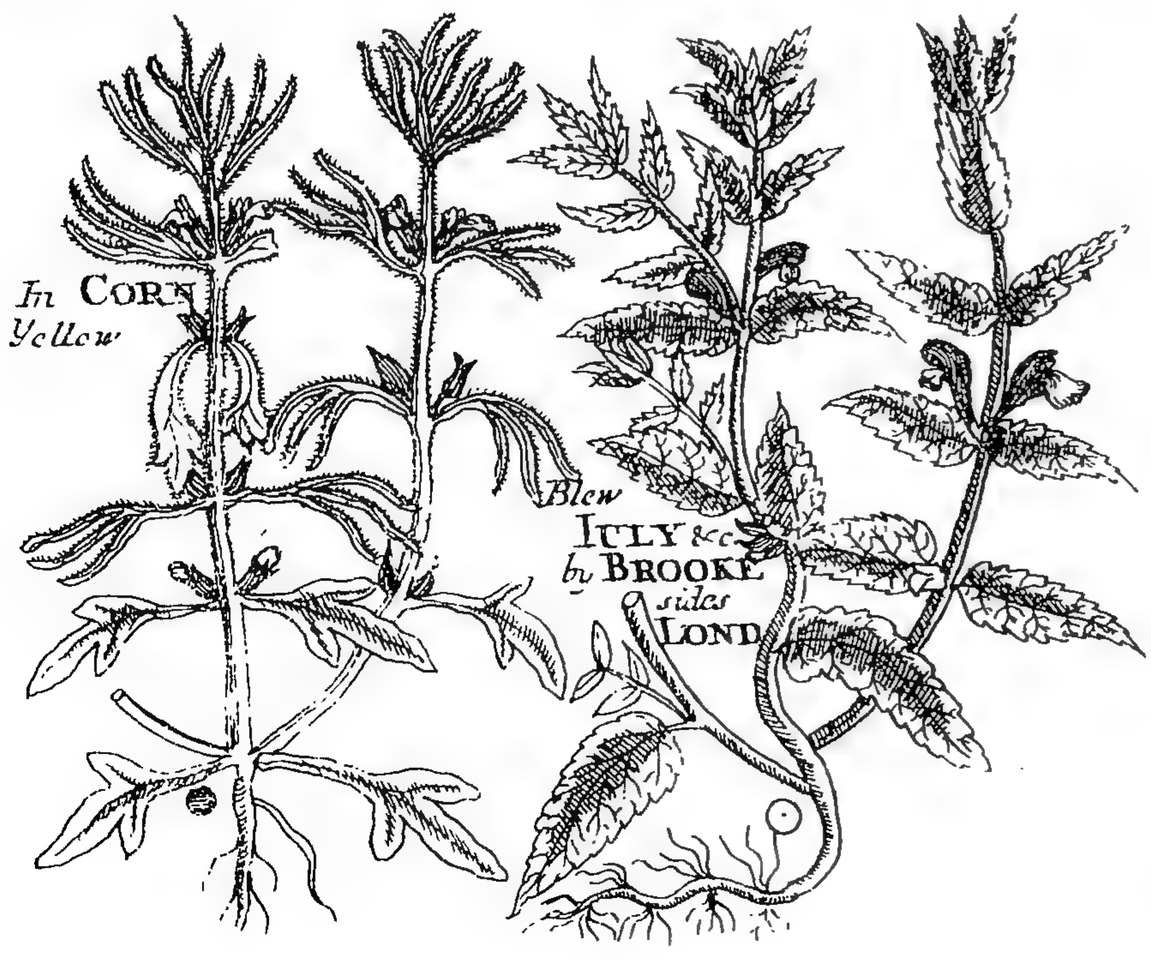


9. GROUND-PINE. *RAY 573. 1. S. 84. ed. 132.*

10. HOOD-MINT. *RAY 572. 1. S. 84. ed. 132. 1.*

11. *Small* HOOD MINT. *RAY 572. 2. S. 84. 2. ed. 132.*

12. VERVAIN. *RAY 535. 1. Syn. 79. ed. 125.*







ENGLISH CAPSULES *with* SNOUT FLOWERS. TAB XX.

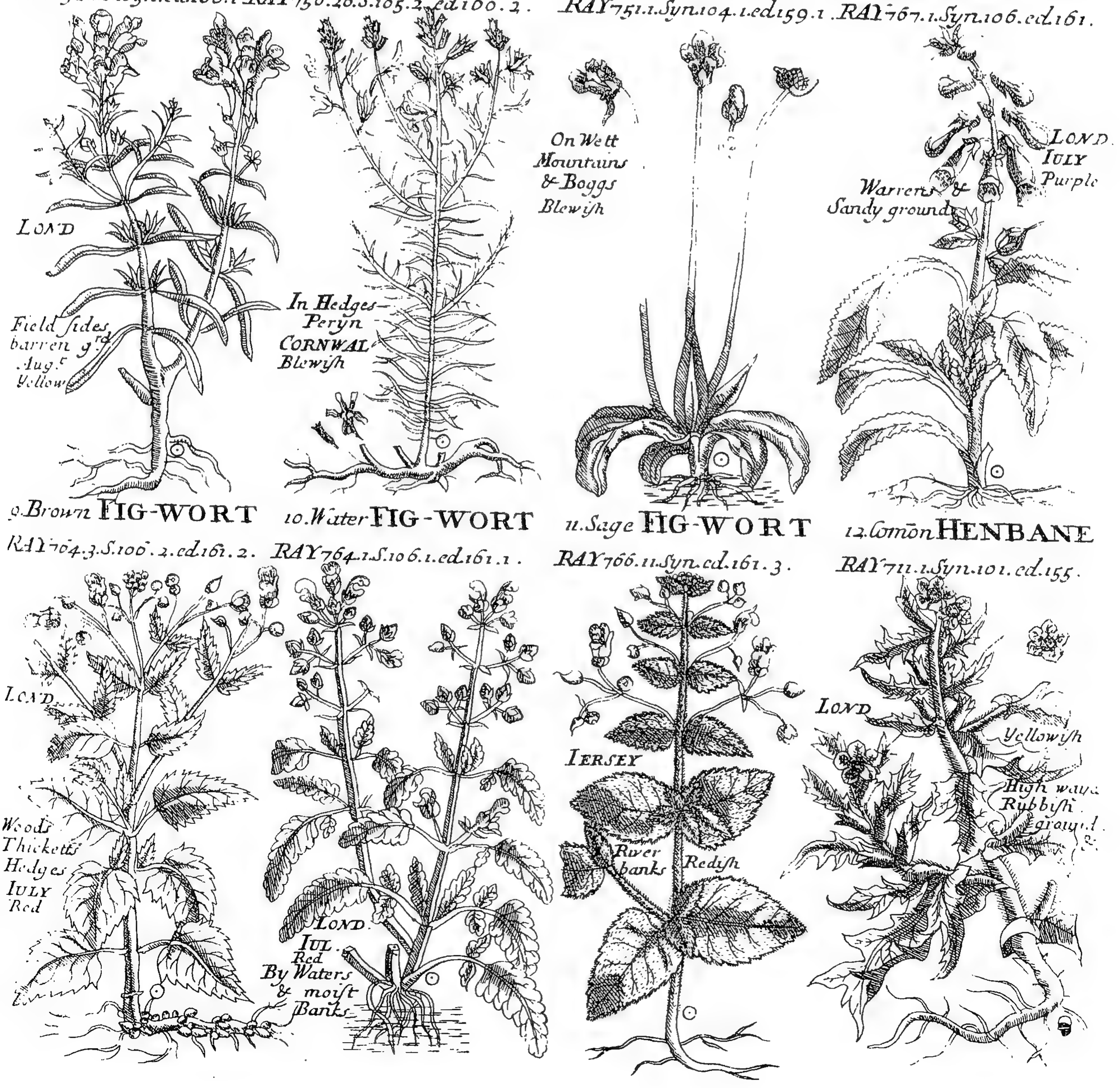
1. *Small* TOAD-FLAX. 2. *Small* SNAP-DRAGON. 3. *Pointed* FLUELLIN. 4. *Round* FLUELLIN.

RAY 760. 37. Syn. 105. ed. 160. 5. RAY 760. 31. S. 105. 1. ed. 161. 1. RAY 759. 35. S. 105. 3. ed. 160. 3. RAY 759. 34. S. 105. 4. ed. 160. 4



5. *Comon* TOADFLAX. 6. *Blwish Sweet* TOAD FLAX. 7. BUTTERWORT. 8. *Purple* FOXGLOVE.

RAY 752. 1. S. 105. 1. ed. 160. 1. RAY 756. 20. S. 105. 2. ed. 160. 2. RAY 751. 1. Syn. 104. 1. ed. 159. 1. RAY 767. 1. Syn. 106. ed. 161.



9. *Brown* FIG-WORT. 10. *Water* FIG-WORT. 11. *Sage* FIG-WORT. 12. *Comon* HENBANE.

RAY 764. 3. S. 106. 2. ed. 161. 2. RAY 764. 1. S. 106. 1. ed. 161. 1. RAY 766. 11. Syn. ed. 161. 3. RAY 711. 1. Syn. 101. ed. 155.

ENGLISH CAPSULES *with* SNOUT FLOWERS. *TAB.* XXXVI.

1.Quick in Hand.Touch me not.2.Yellow **RATTLE** *3.Tall Red* **RATTLE** *4.Comon Red* **RATTLE**

RAY 1328.c.v.S.209.ed.282. RAY 769.1.S.106.1.ed.162.1. RAY 770.6.Syn.106.3.ed.162.3 RAY 770.5.S.106.2.ed.162.2.





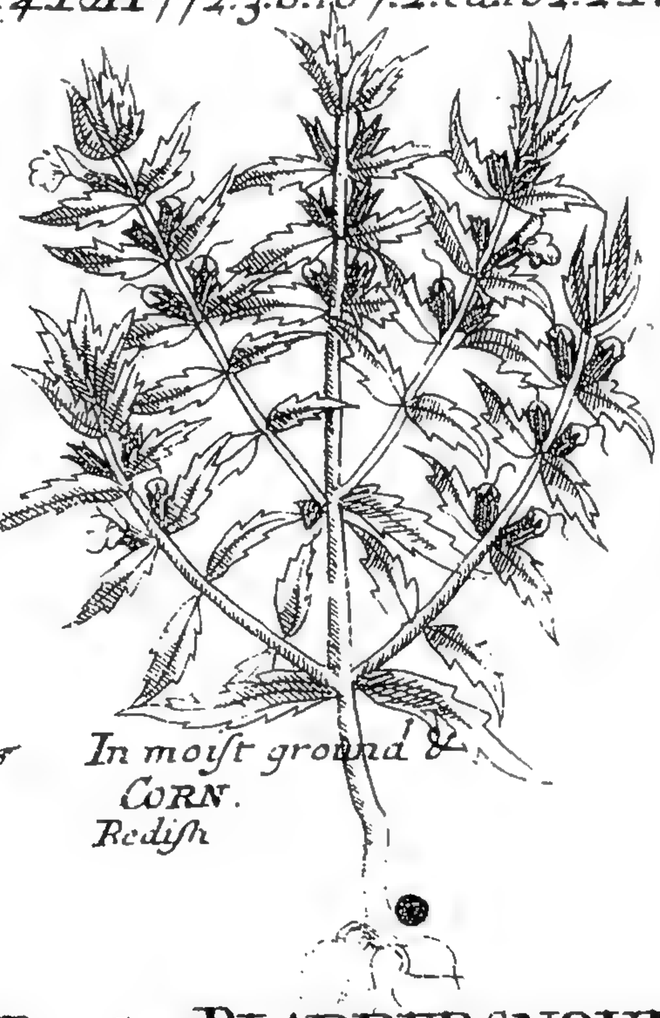


5.comon **EYE-BRIGHT** *6.Yellow Marsh* **EYE-BRIGHT** *7.Red* **EYE-BRIGHT** *8.ORTON rat* **EYE BRIGHT**

RAY 771.1.S.106.1.ed.162.1. RAY 772.4.Syn.107.4 ed.163.4 RAY 772.3.S.107.2.ed.162.2 RAY 773.5.S.107.3.ed.162.3.



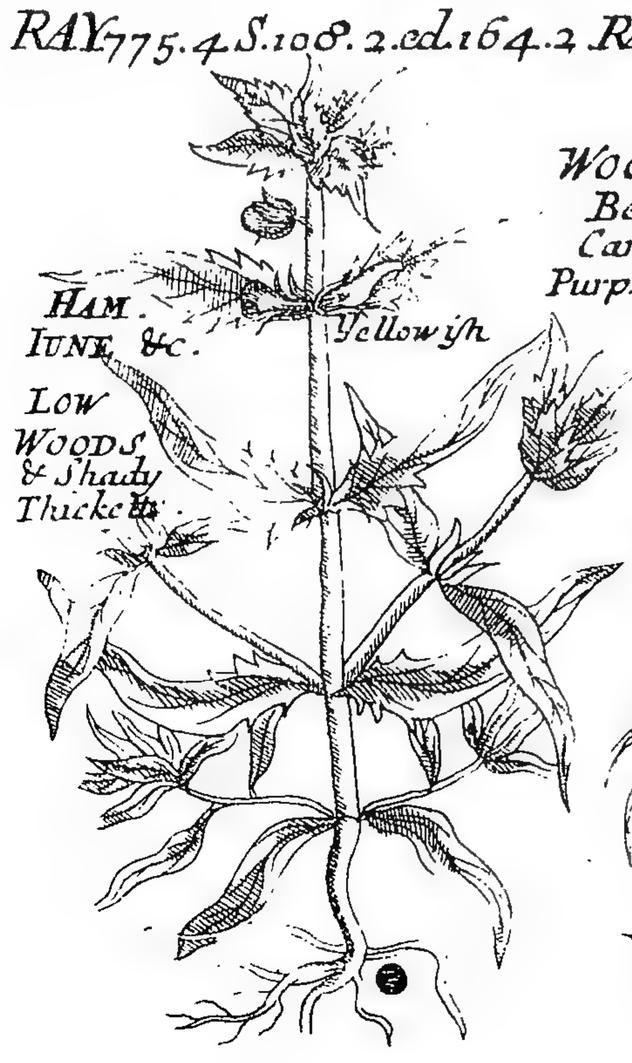




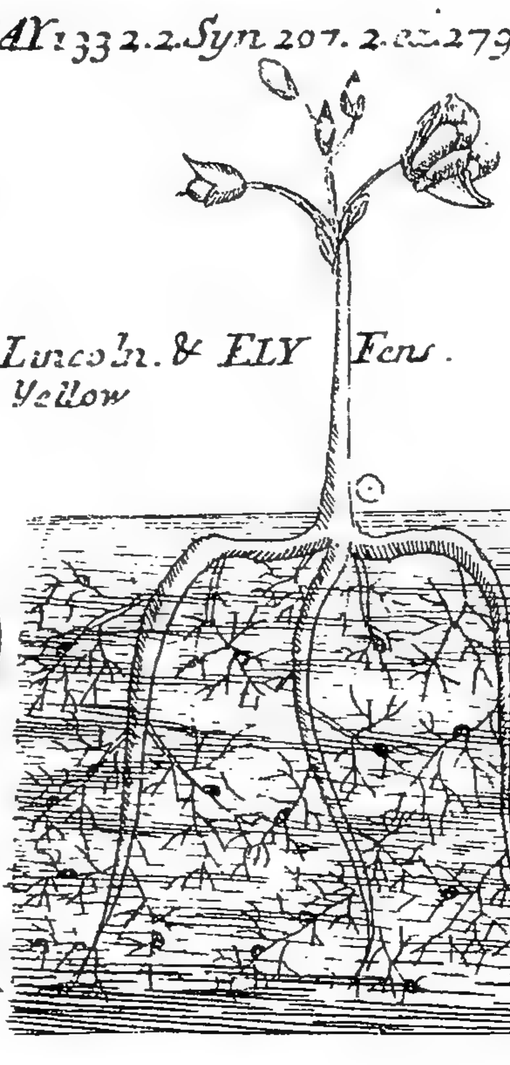


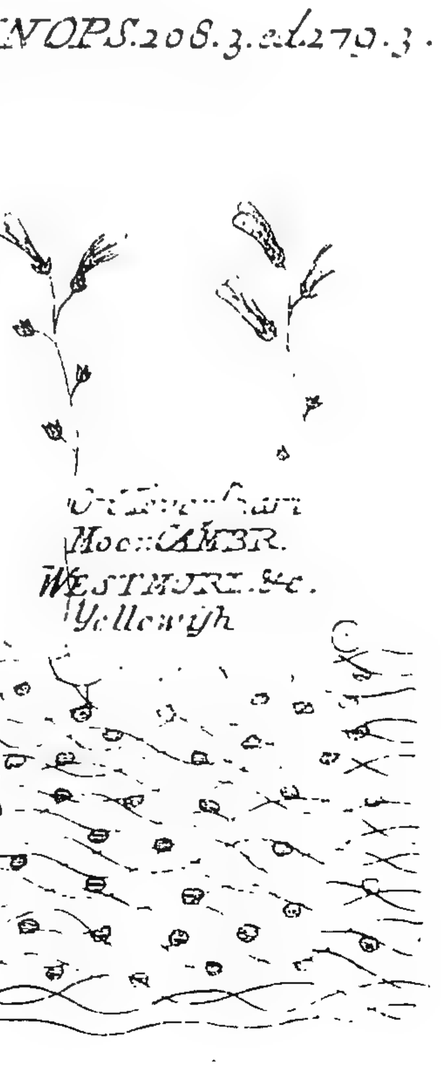
9.comon **COW-WHEAT**. *10.Crested* **COW-WHEAT** *11.Great* **BLADDER-SNOUT** *12.Small* **BLADDER-SNOUT**

RAY 775.4 S.108.2.ed.164.2 RAY 775.3.S.108.1.ed.164.1. RAY 1332.2.Syn 207.2.ed.279.2 RAI SYNOPS.208.3.ed.279.3.









ENGLISH HERBS *with Heel'd* FLOWERS. *&c. TAB.* XXXVII.

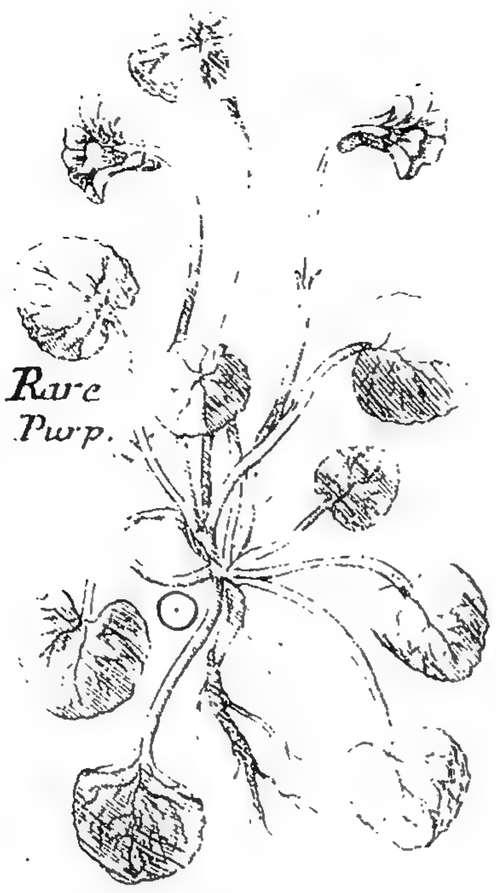
1. *Purple* VIOLET. *RAY 1049. 1. S. 152. 1. ed 214. 1.*

2. *Double* VIOLET.

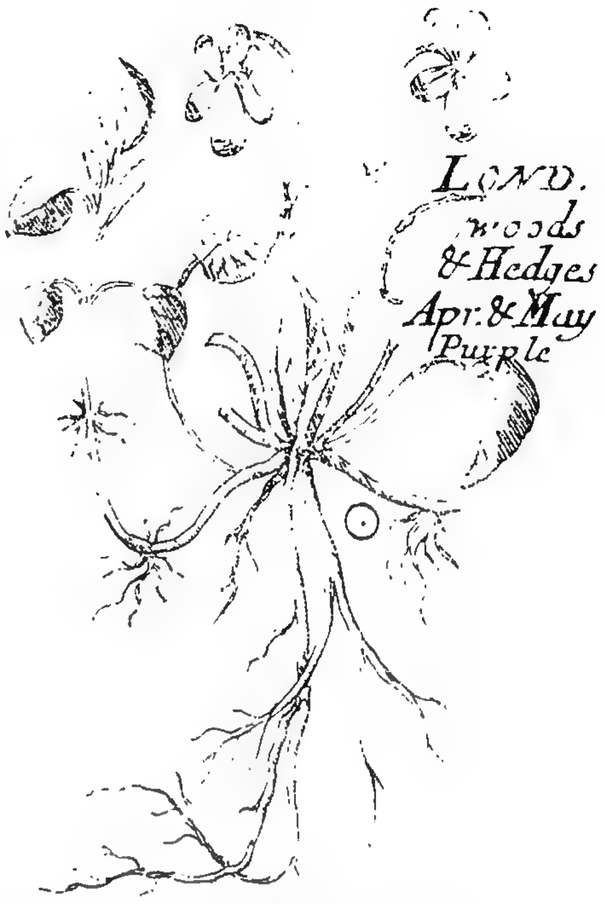
3. *White* VIOLET. *RAY 1050. 2. S. 152. 2. ed 214. 2.*

4. *Dog's* VIOLET. *RAY 1050. 3. S. 152. 3. ed 214. 3.*







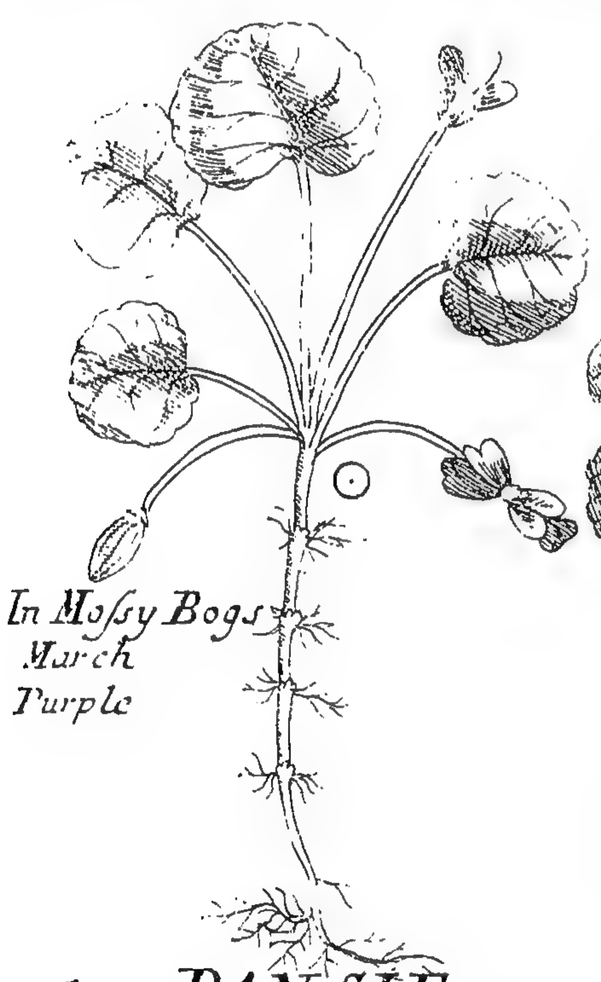


5. *Boo* VIOLET. *RAY 1050. 4. S. 152. 4. ed 214. 4.*

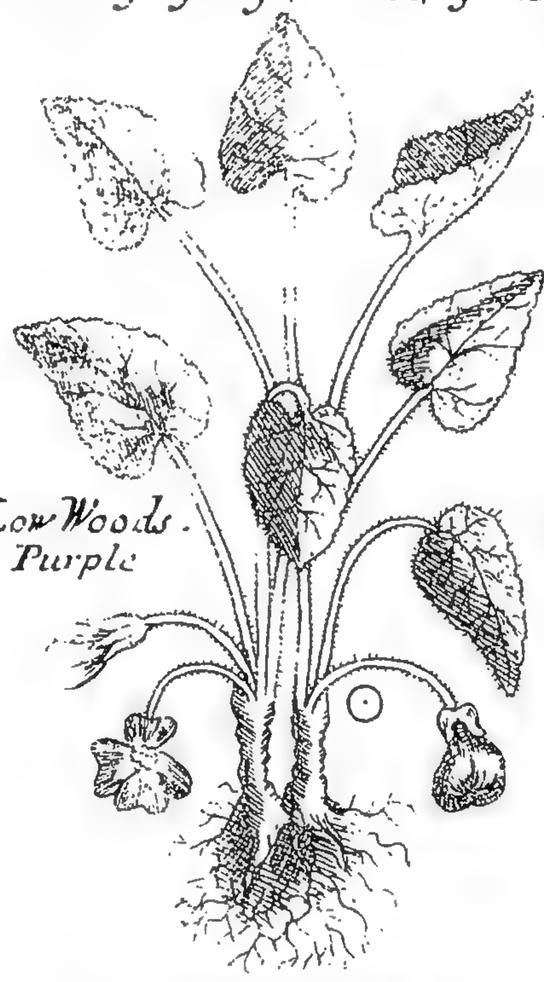
6. *Yellow Rock* VIOLET. *RAY 1052. 6. S. 153. 10. ed 215. 10.*

7. *Hairy Wood* VIOLET. *RAY 1051. 5. S. 152. 6. ed 215. 6.*

8. *Garden* PANSIE. *RAY 1052. 2. S. 152. 7. ed 215. 7.*







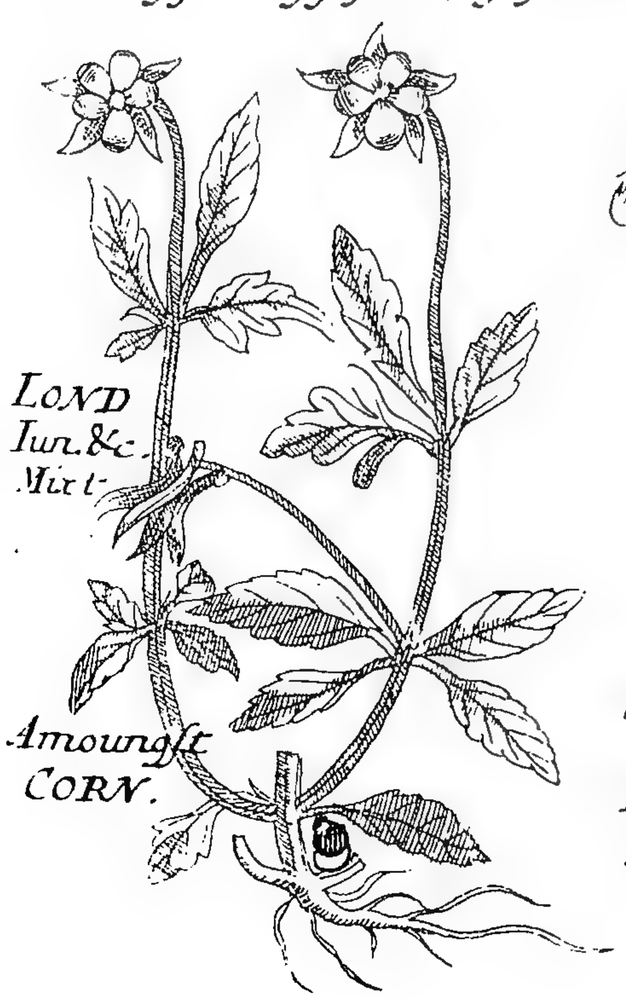


9. *Corn* PANSIE. *RAY 1053. 7. S. 153. 9. ed 215. 9.*

10. *Great Yellow* PANSIE. *RAY 1052. 5. S. 153. 8. ed 215. 8.*

11. *Base* DYERS-WEED. *RAY 1053. 2. S. 153. 1. ed 216. 1.*

12. *Comon* DYERS-WEED. *RAY 1054. 8. S. 153. 2. ed 216. 2.*







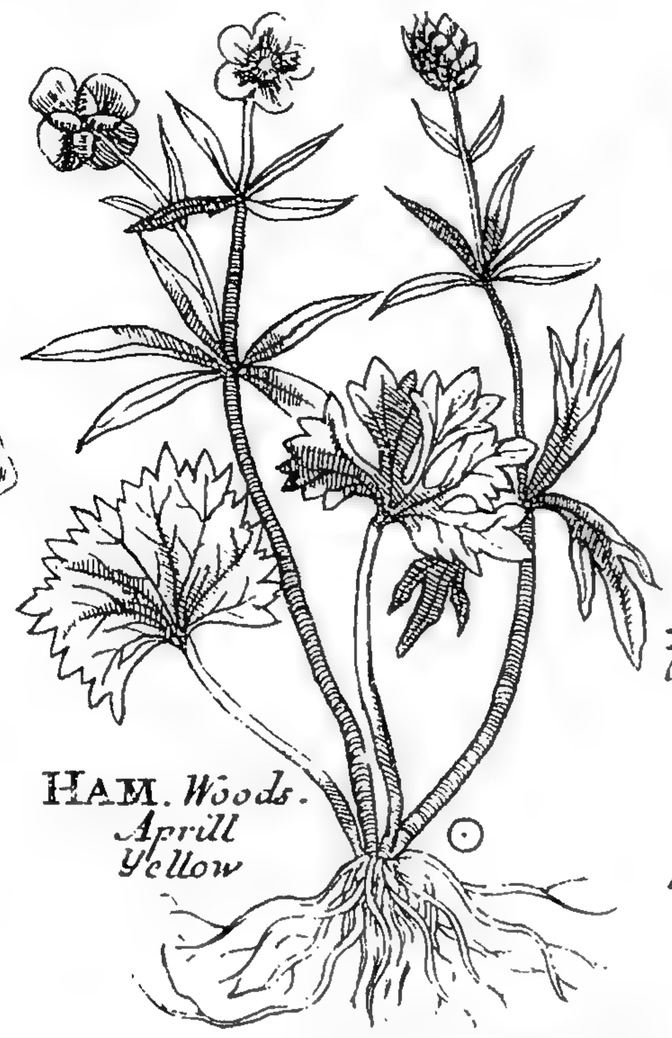


ENGLISH PLANTS *with Rough* HEADS, *as* CROWFEET. TAB. XXXVIII.

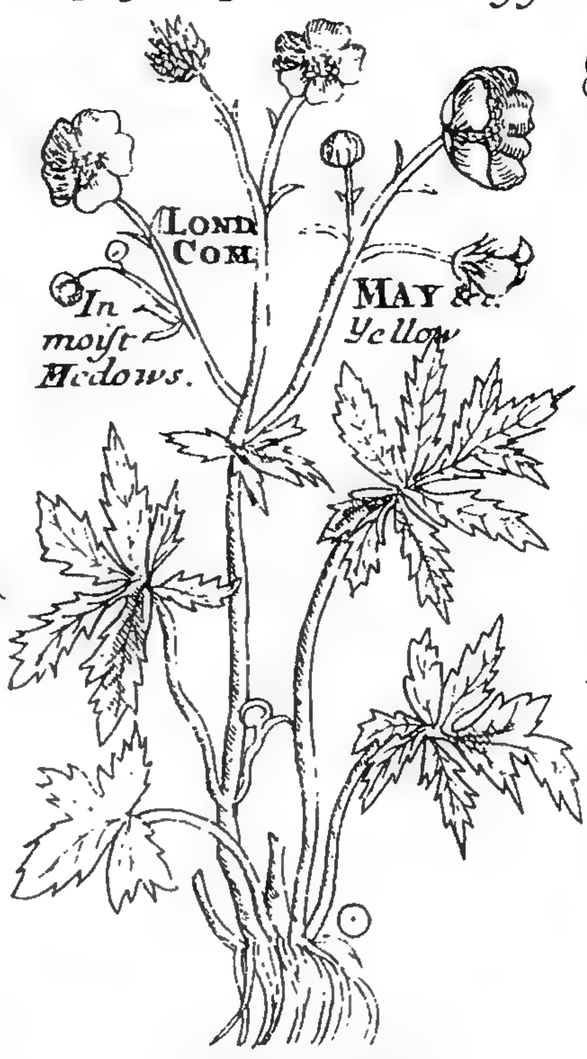
1. PILEWORT. *RAY. 579. 1 Syn. 85. ed. 134.*



2. *Sweet Wood* CROWFOOT. *RAY. 584. 1 Syn. 86. 6. ed. 135.*



3. *Upright Meadow* CROWFOOT. *RAY. 583. 7. Syn. 86. 6. ed. 135.*



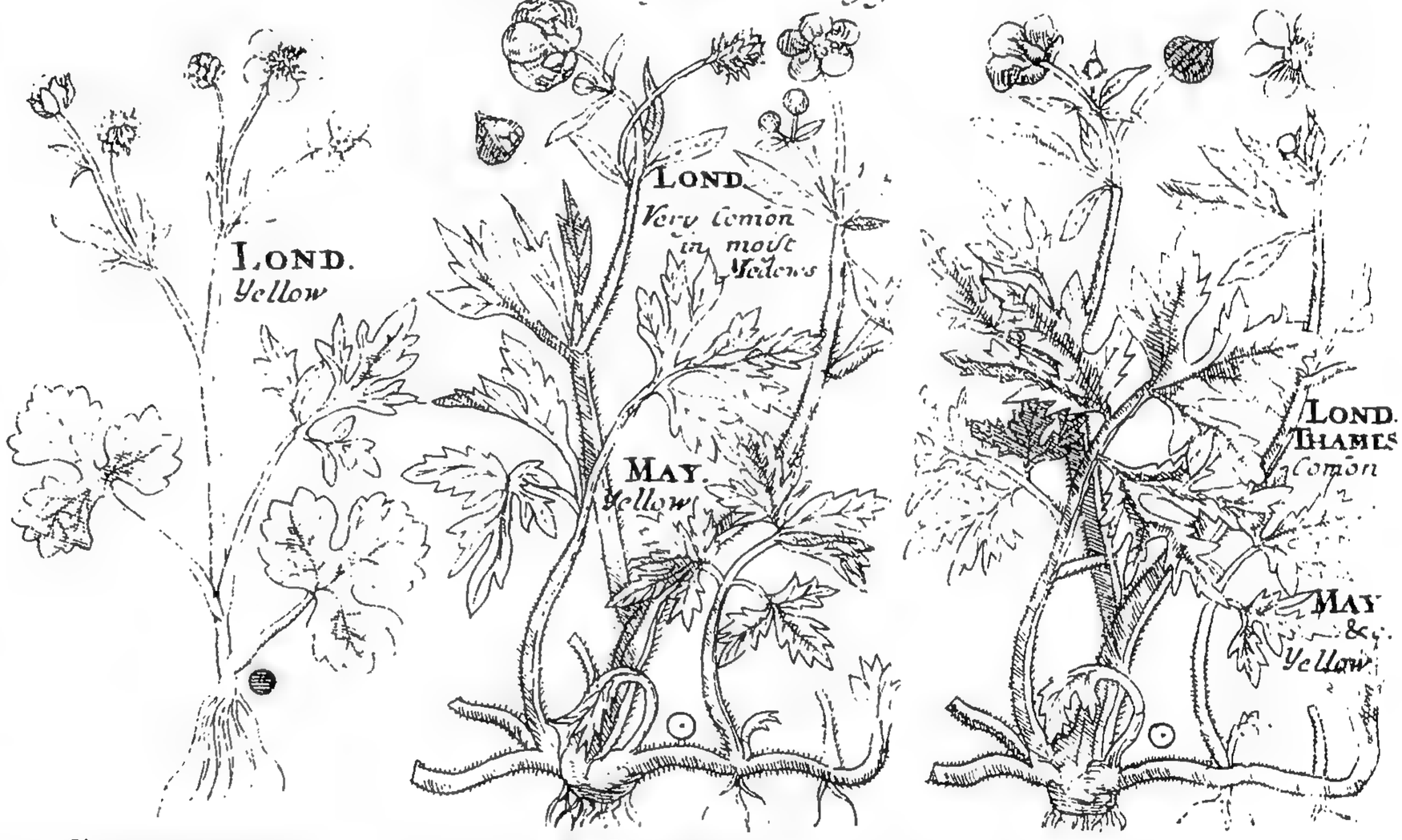
4. *Bulbous* CROWFOOT *RAY. 581. 2. S. 864. ed. 135. 2.*



5. *Pale upright* CROWFOOT. *RAY. 582. 4. S. 86. 3. ed. 135. 3.*



6. *Doodys Trifid* CROWFOOT. *RAY. 581. 1. Syn. 86. 1. ed. 135. 1.*



7. *Creeping* CROWFOOT *or Buttercups.* 8. *Thames* CROWFOOT

9. RAY. 3 *Hairy* CROWFOOT. *RAY. 583. 10. S. 86. 5. ed. 135. 5.*



10. *Corn* CROWFOOT. *RAY. 585. 2. S. 87. 7. ed. 136.*



11 SMALAGE CROWFOOT. *RAY. 585. 1. Syn. 87. 8. ed. 136. 1.*

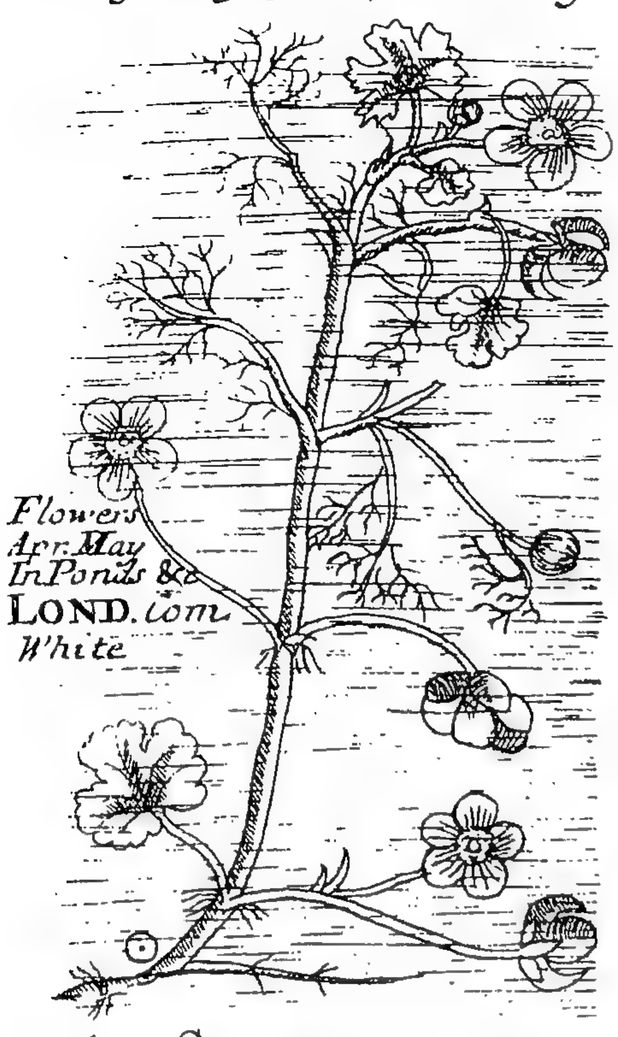


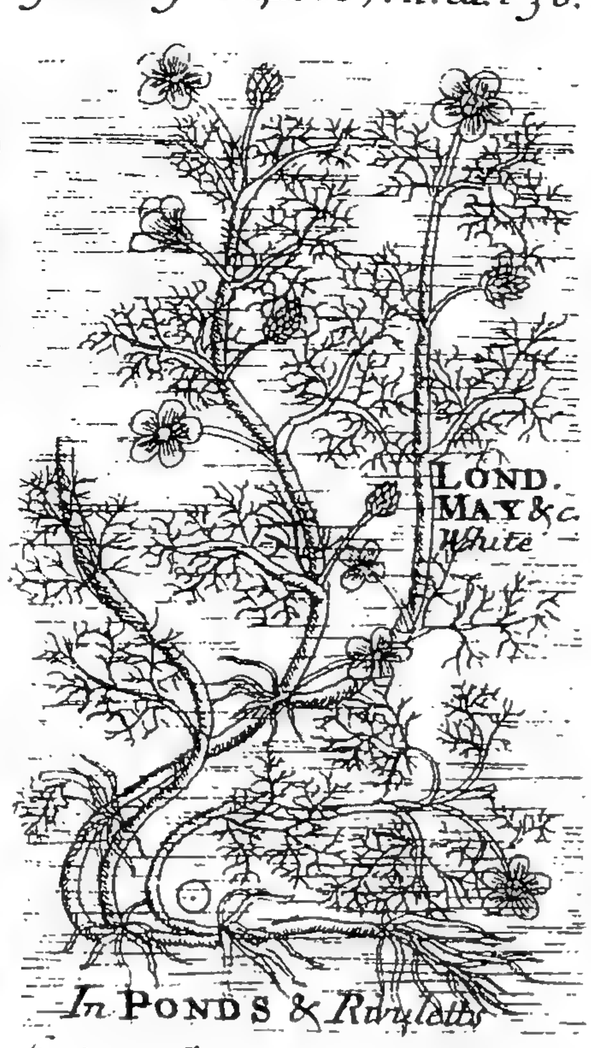
12 *Ivy* CROWFOOT. *RAY. 586. 2. Syn. 87. 9. ed. 136. 2.*

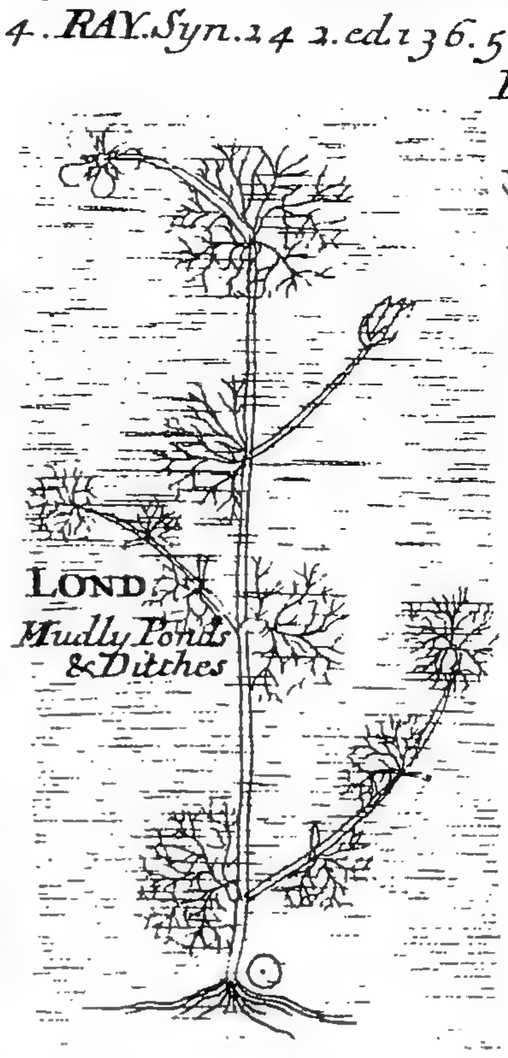


ENGLISH PLANTS *with Rough Heads &c.* TAB. XXXIX

1. Water CROWFOOT *with various Leaves. 2. Fine Water-* CROWFOOT. *3. Fine trimed Water-* CROWFOOT.
RAY. 586. 3 Syn. 87. 10. ed. 136. 3. RAY. 586. 4 S. 87. 11. ed. 136. 4. RAY. Syn. 242. ed. 136. 5: 4 Fennel Water- CROWFOOT.
RAY. 586. 6. S. 87. 12. ed. 137. 6.







MAY & IUNE.

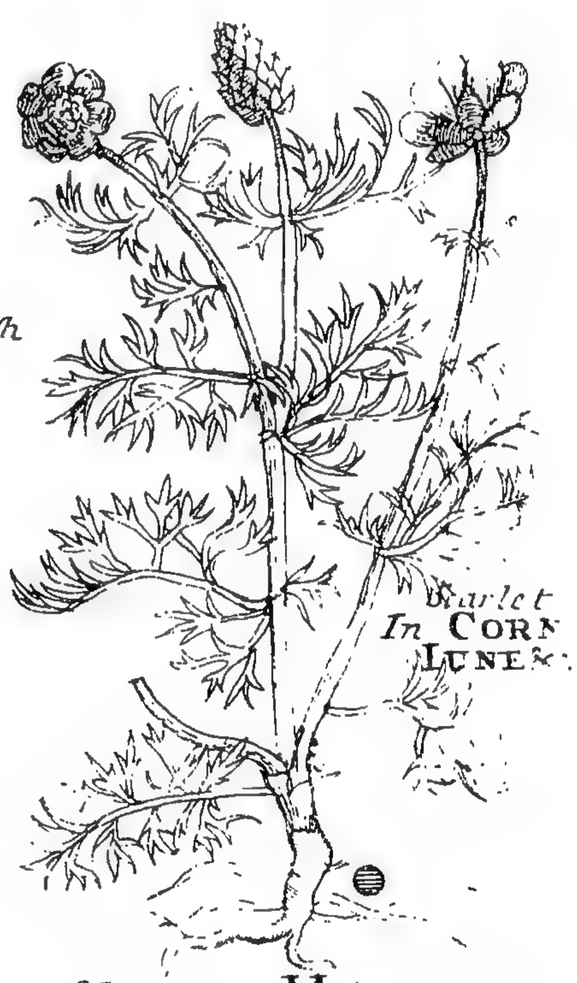


5. Great SPEAR-WORT. *6. Small* SPEAR-WORT. *7.* MOUSE TAIL. *8.* ADONIS *Flower. Red. With Thistles*
RAY. 587. 8. Syn. 88. 14. ed. 137. 8. RAY. 587. 7. S. 88. 13. ed. 137. 7. RAY. 133. 2. C. v. S. 209. ed. 282. RAY. 596. 1. Syn. 88. ed. 137.









9. Common MALLOW. *10. Dwarf* MALLOW. *11. Marsh* MALLOW. *12. Vervane* MALLOW
RAY. 599. 1. Syn. 88. 1. ed. 138. 1. RAY. 599. 2. Syn. 88. 2. ed. 138. 2. RAY. 602. 1. S. 89. ed. 138. RAY. 604. 1. Syn. 89. ed. 139.



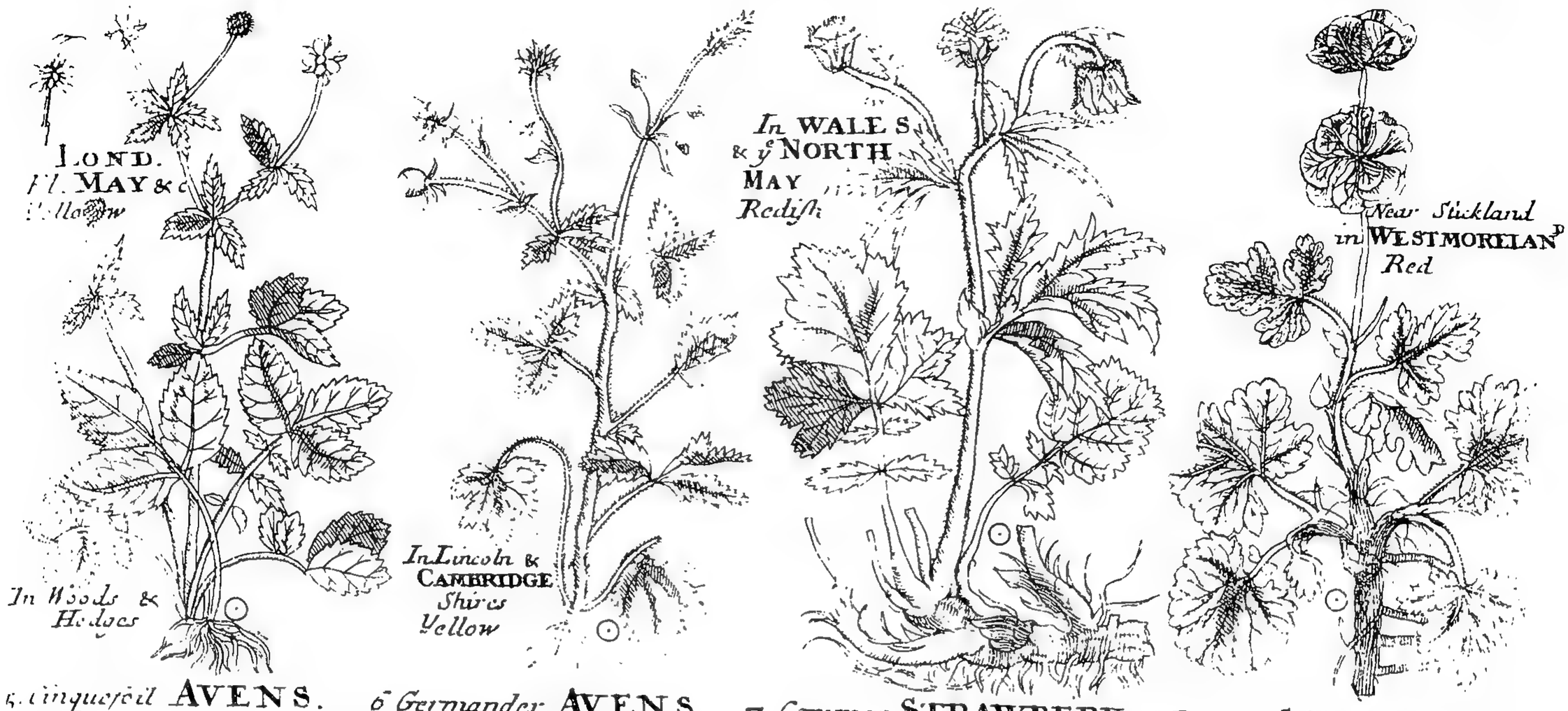






ENGLISH PLANTS *with Rough HEADS & Naked SEED.* TAB. XI.

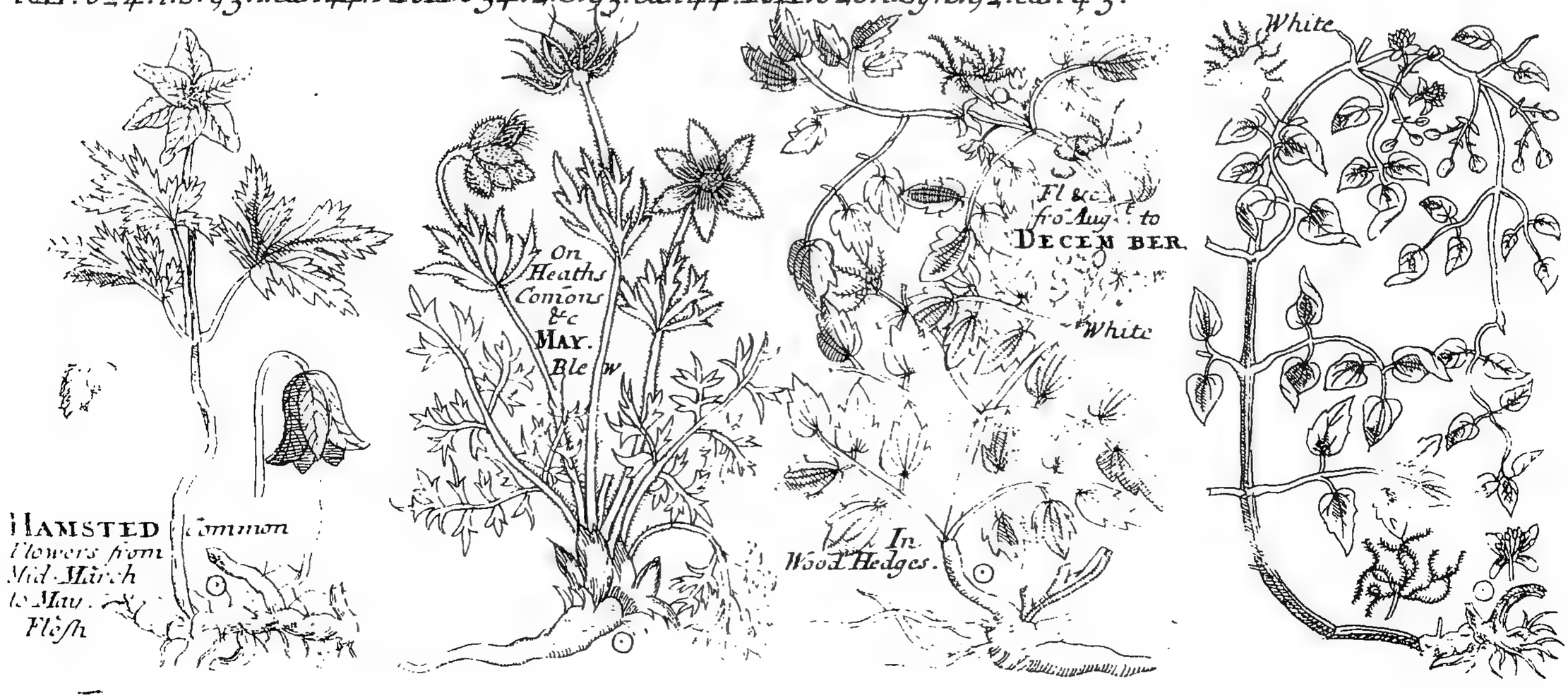
1. AVENS *Herb* BENNET. 2. *Great flowred* AVENS. 3. *Mountain* AVENS. 4. *Childing* AVENS.
RAY. 606. 1. S. 89. 1. ed. 139. 1. RAY. 606. 2. S. 89. 2. ed. 139. 2. RAY. 607. 3. S. 89. 3. ed. 139. 3. RAY. 607. 4. Syn. 89. 4. ed. 139. 4.



5. *Cinquefoil* AVENS. 6. *Germander* AVENS. 7. *Common* STRAWBERY. 8. *Barren* STRAWBERRY.
RAY. 608. 10. S. ed 2. p. 139. 6. RAY. 608. S. 89. 5. ed 139. 5. RAY. 600. 1. Syn. 90. 1. ed. 140. 1. RAY. 611. 2. Syn. 90. 3. ed. 140.



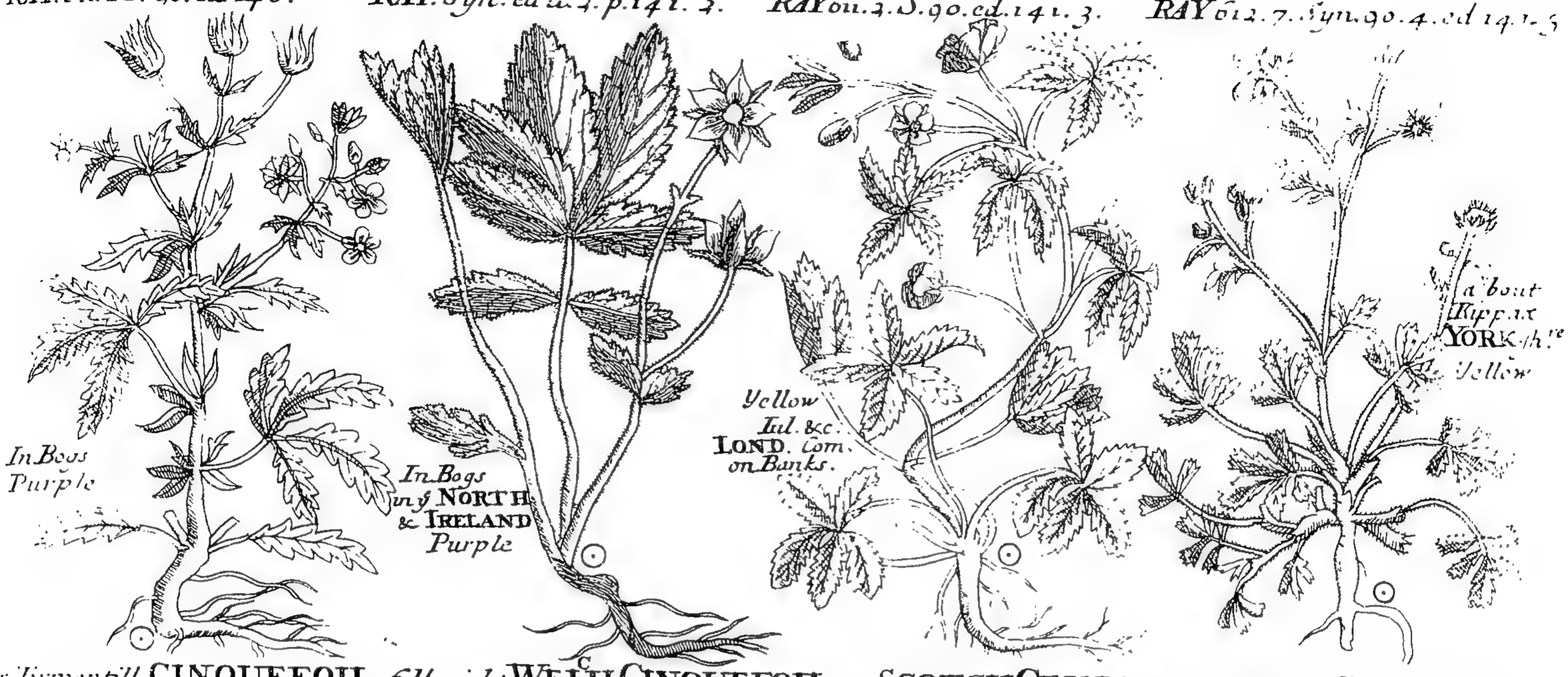
9. *Wood* ANEMONY. 10. PASQUE *Flower* 11. TRAVELLERS JOY. 12. *Plain* TRAVELLERS JOY
RAY. 624. 1. S. 93. 1. ed 144. 1. RAY. 634. 2. S. 93. ed 144. RAY. 620. 1. Syn. 92. ed 143.



ENGLISH PLANTS *with Rough Heads & Naked SEED.* *TAB.* XLI.

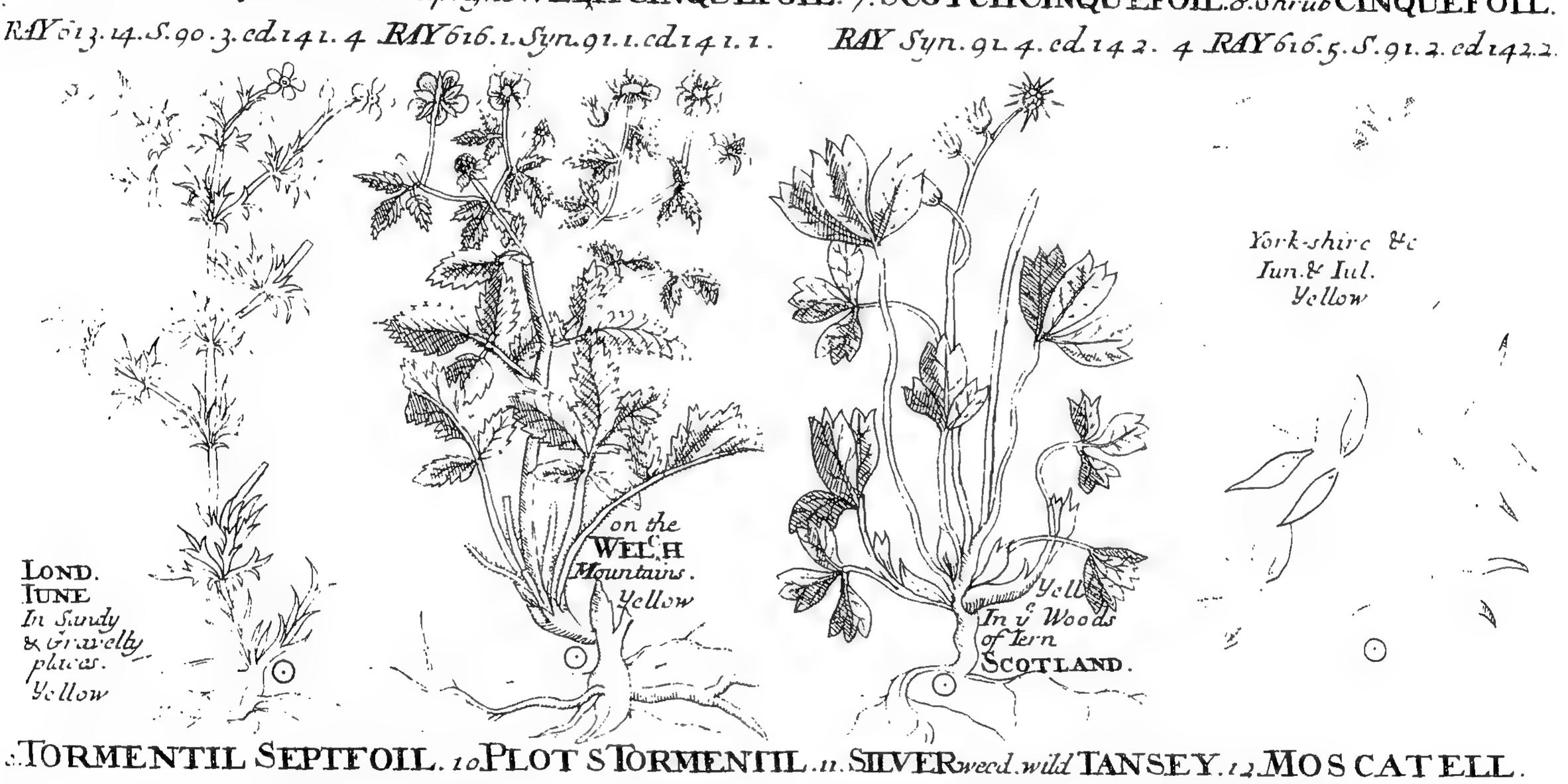
1 *Purple Marsh* CINQUEFOIL. 2 IRISH *Marsh* CINQUEFOIL. 3. *Common* CINQUEFOIL. 4. *Small rough* CINQUEFOIL.

RAY Hist. 2 S. 90. ed. 1 & 2. *RAY Syn. edit. 2. p. 141. 2.* *RAY Hist. 2. S. 90. ed. 1 & 2. 3.* *RAY Hist. 2. 7. Syn. 90. 4. ed. 1 & 2. 3*



5. *Tormentil* CINQUEFOIL. 6. *Upright* WELCH CINQUEFOIL. 7. SCOTCH CINQUEFOIL. 8. *Shrub* CINQUEFOIL.

RAY Hist. 3. 4. S. 90. 3. ed. 1 & 2. 4 *RAY Hist. 1. Syn. 91. 1. ed. 1 & 2. 1.* *RAY Syn. 91. 4. ed. 1 & 2. 4* *RAY Hist. 5. S. 91. 2. ed. 1 & 2. 2.*



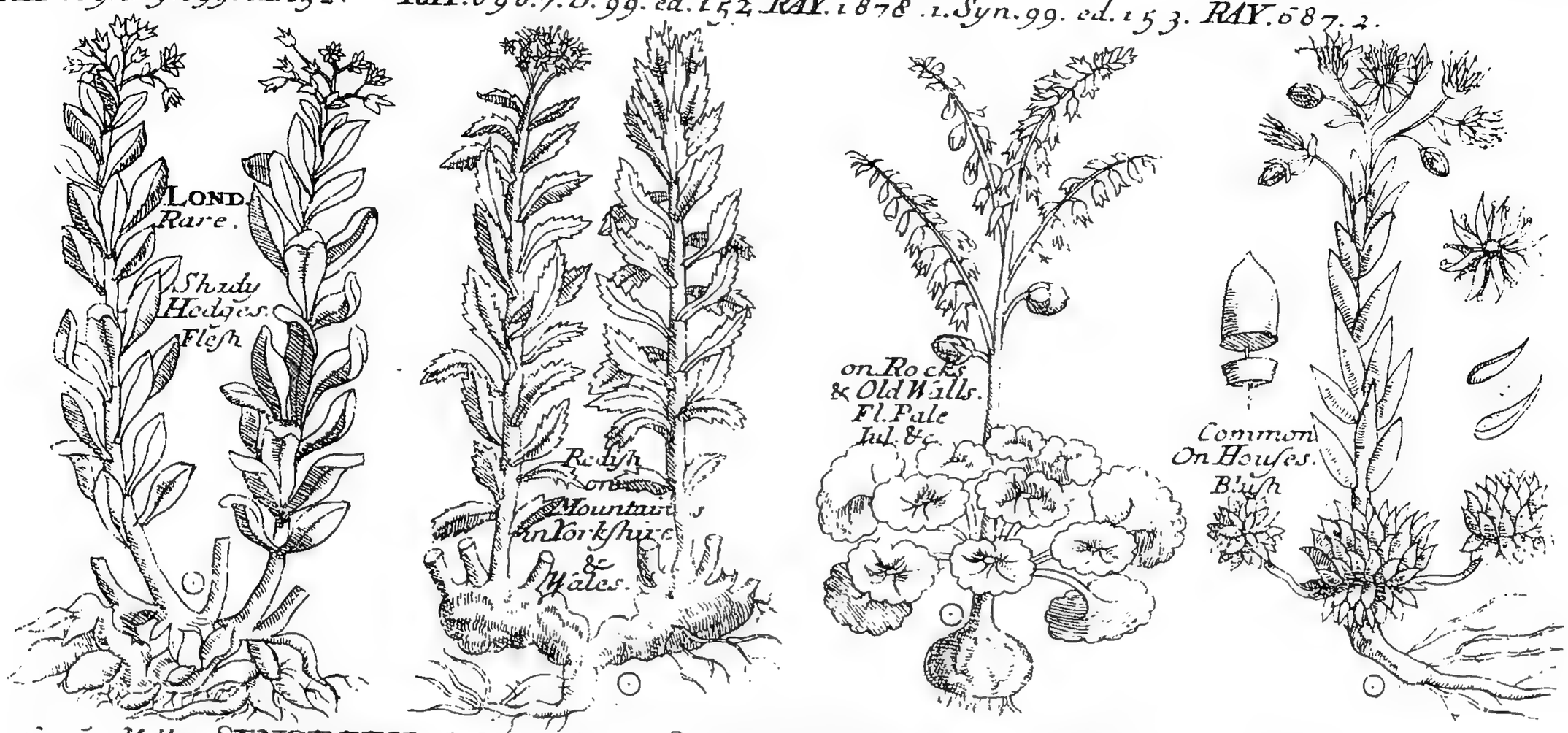
9. TORMENTIL SEPTFOIL. 10. PLOT'S TORMENTIL. 11. SILVER *weed. wild* TANSEY. 12. MOSCATELL.

RAY Hist. 17. 1. Syn. 91. ed. 1 & 2. *RAY Hist. 18. 3. S. 91. 2. ed. 1 & 2. 2* *RAY Hist. 17. c. 10. Syn. 91. 3. ed. 1 & 2. 3* *RAY Hist. 84. c. 27. S. 98. ed. 1. 5 1.*

ENGLISH HERBS *with 5 leaved* FLOWERS *& Star Heads.* *TAB.* XLII.

1. ORPINE *or Live-long.* 2. ROSE-ROOT. 3. NAVELWORT 4. HOUSELEEK.

RAY 689. 1. Syn 99. ed. 152. *RAY. 690. 7. S. 99. ed. 152* *RAY. 1878. 1. Syn. 99. ed. 153.* *RAY. 687. 2.*



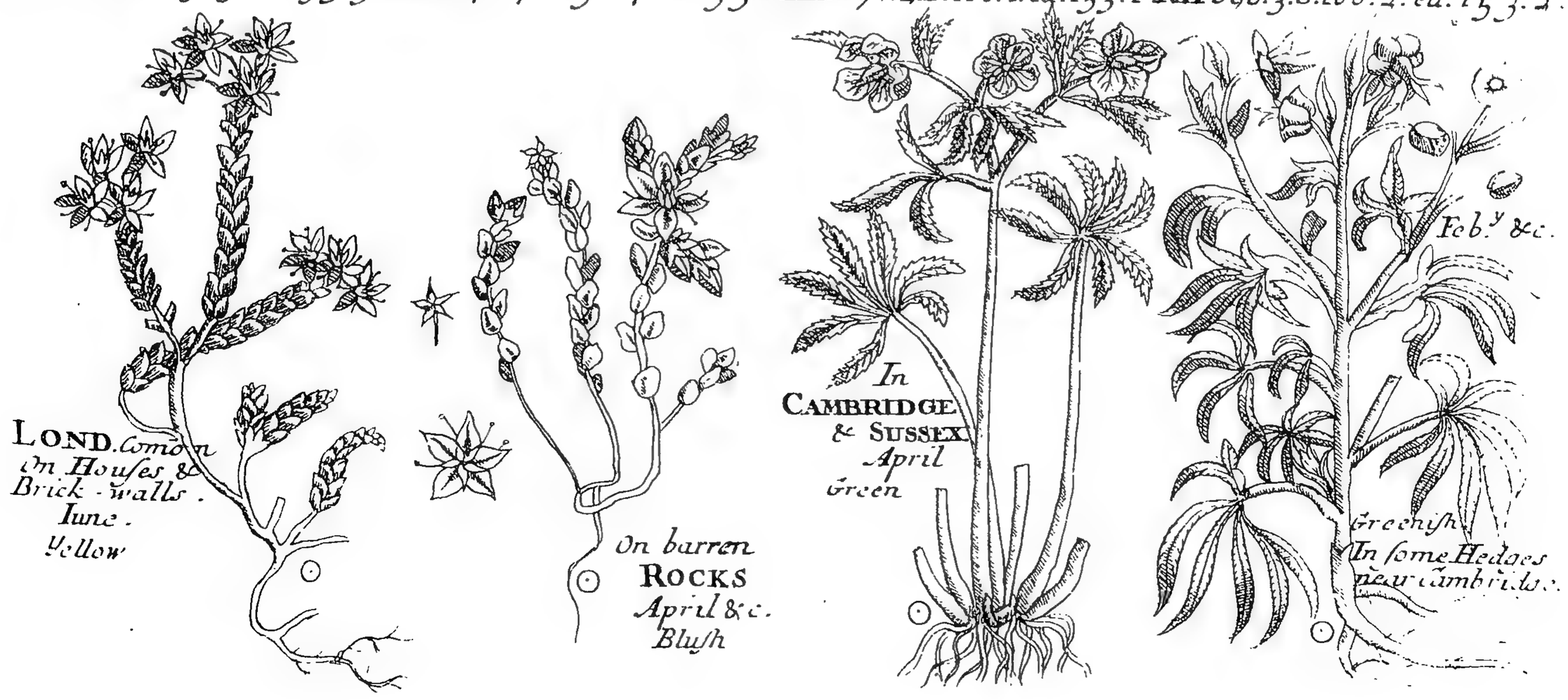
5. *Comon Yellow* SENGREEN. 6 *Crooked Yellow* SENGREEN. *Purple Mosse* SENGREEN. 8 *Bristol* SENGREEN

RAY 691. 2. S. 99. 1. ed. 152. 2. *RAY. 691. 3. Syn. 99. 2. ed. 153. 2* *RAY. 691. 4. S. 99. 4. ed. 153. 4.* *RAY. Syn. 99. 3. ed. 152. 3*



9. STONECROP *or Wall Pepper.* 10 *Mild White* STONECROP. 11. *Green* BEARS-FOOT. 12. SETTER-WORT.

RAY 1041. 12. S. 150. 3. ed. 153. 5 *RAY. 1041. 14. S. 150. 4 ed. 153. 6* *RAY. 697. 2. S. 100. 1. ed. 153. 1* *RAY. 698. 3. S. 100. 2. ed. 153. 2.*



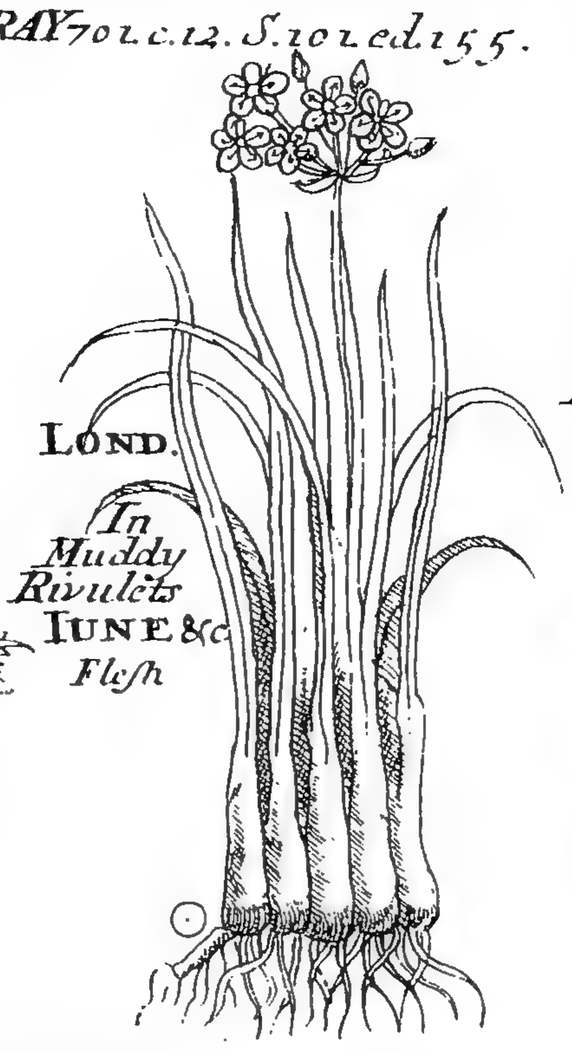
ENGLISH PLANTS *with* STAR & ROUGH HEADS,. *TAB.* XLIII.

1. *Marsh-Marigold.* 2. *Globe* CROW-FOOT. 3. *Water-*GLADIOLE. 4. COLUMBINES.

RAY.700.c.9.S.100. ed.154 *RAY.700.1.Syn.100. ed.154.* *RAY.701.c.12. S.101.ed.155.* *RAY.706.1.Syn.101.ed.155.*







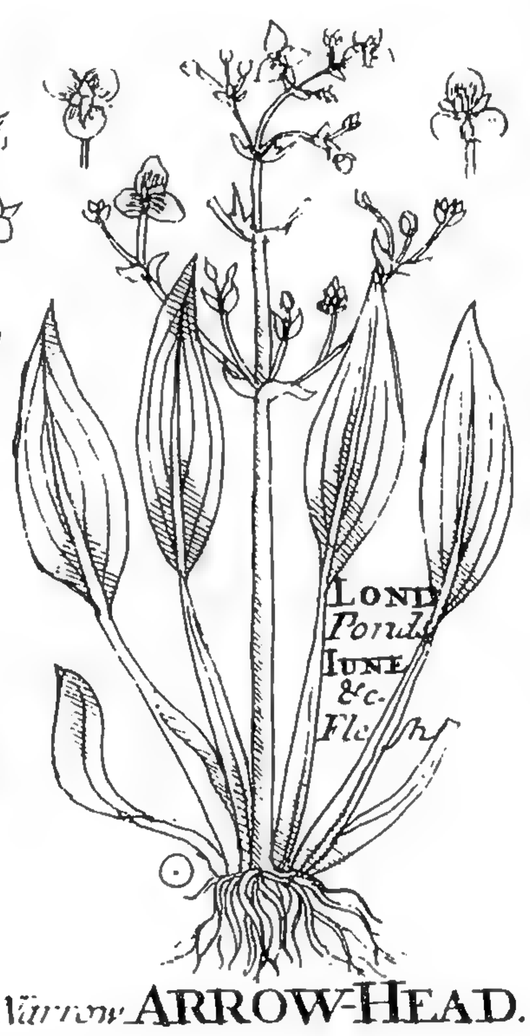


5. STAR *Water-* PLANTAIN. 6. *Broad water-* PLANTAIN. 7. *Narrow Water-* PLANTAIN. 8. *Small water-* PLANTAIN.

RAY 701.c.11.S.100.ed.154 *RAY 618.c.8.S.92.1.ed.142.1.* *RAY 618.c.18.2.S.92.2.ed.143.2*









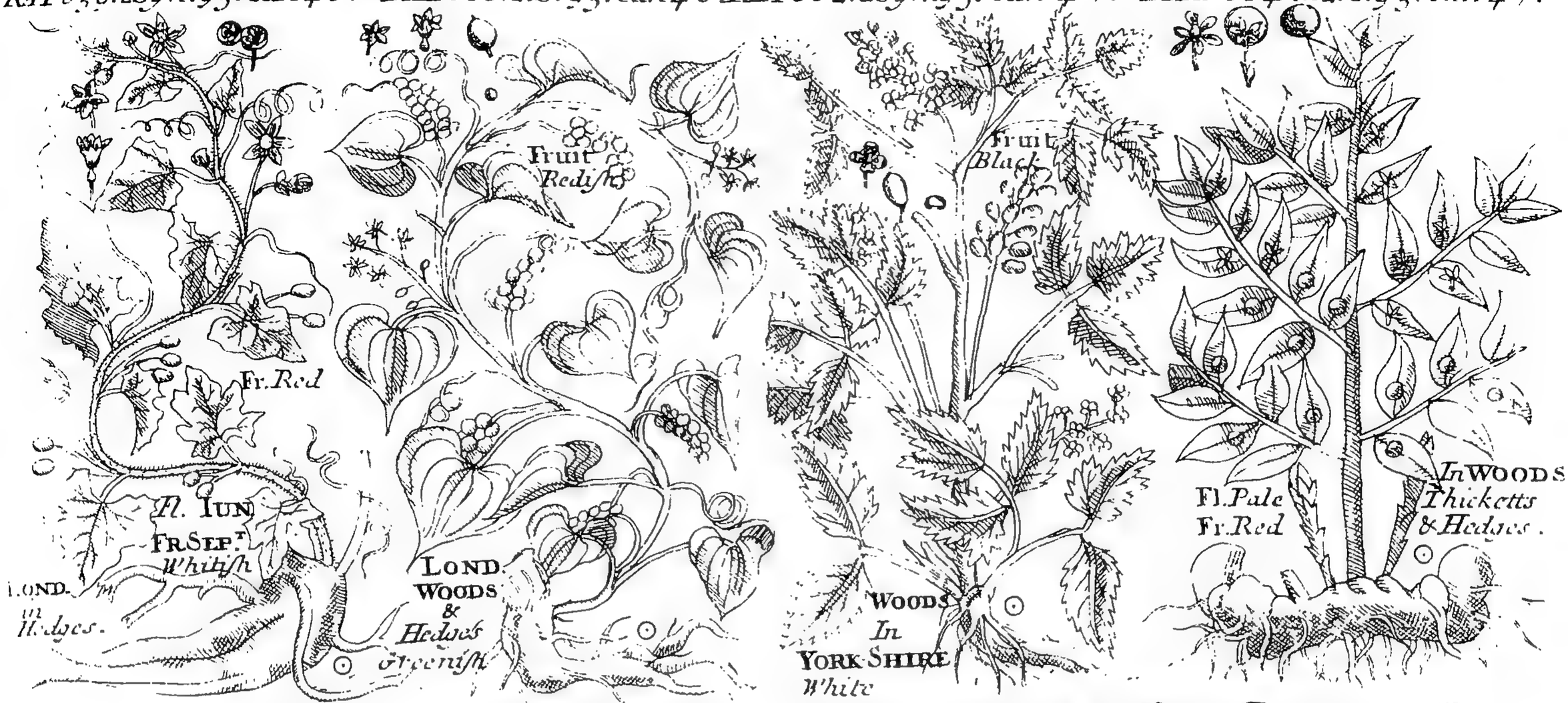
9. *Grass* ARROW-HEAD. 10. *Broad* ARROW-HEAD. 11. *Narrow* ARROW-HEAD. 12. *Small* ARROW-HEAD.

RAY Syn. 92. ed 143. *RAY 619.1.S.92 ed 143.* *RAY 619.3. Syn.92.ed 143.* *RAY Syn. edit 2. p.143.*

ENGLISH PLANTS *bearing* BERRIES. TAB. XLIV

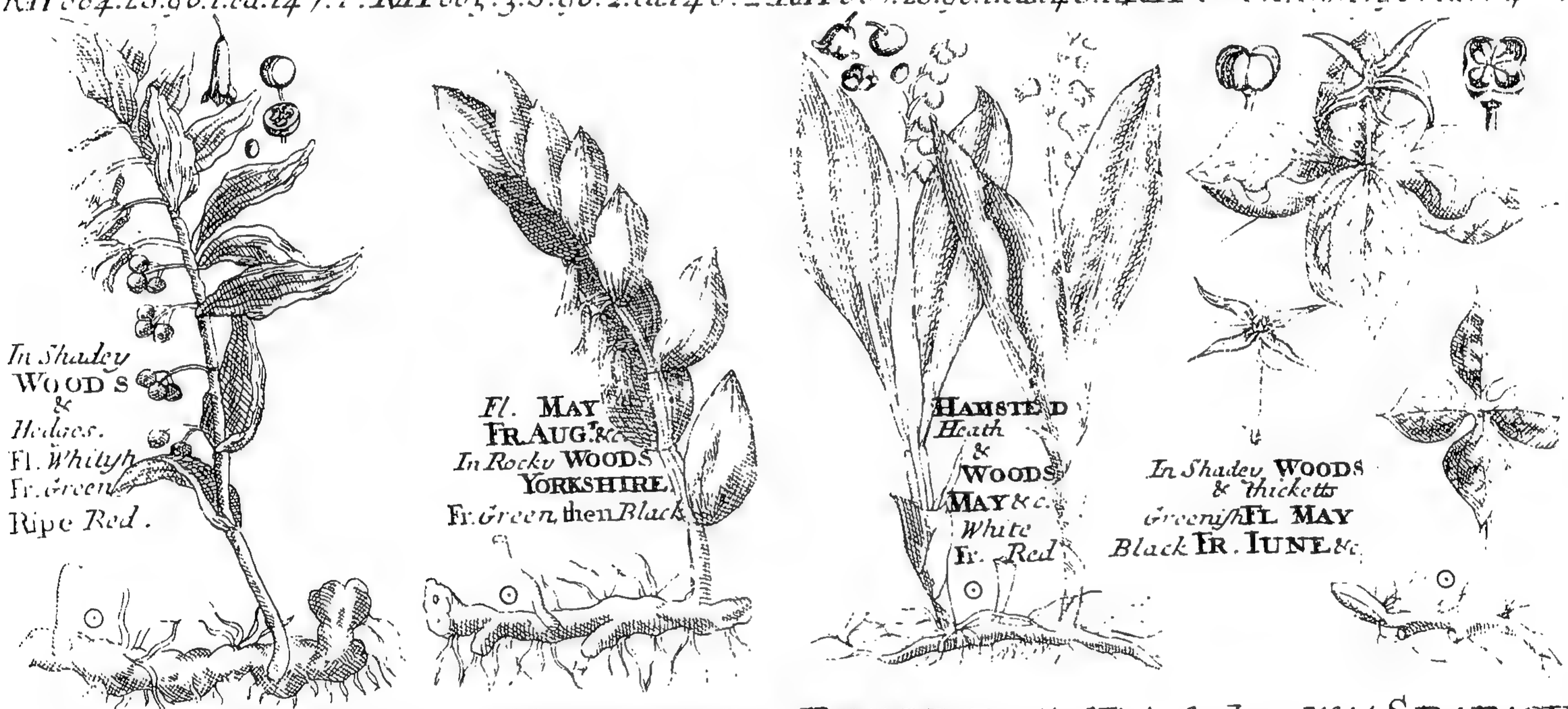
1 *White* BRIONY 2 *Black* BRIONY 3 *Herb* CHRISTOPHER 4 *Butchers Broom*

RAY 650. 1 Syn. 95. ed. 146. RAY 660. 2. S. 95. ed. 146 RAY 662. 1 Syn. 95. ed. 147. RAY 664. 2. S. 95. ed. 147.



1 SOLOMONS SEAL 2 *Sweet* SOLOMONS-SEAL 3 LILY-CONVALLY 4 HERB PARIS. ONE BERRY

RAY 664. 1 S. 90. 1. ed. 147. 1. RAY 665. 3. S. 96. 2. ed. 148. 2 RAY 667. 1 S. 90. 1. ed. 148. 1 RAY 670. 1. Syn. 96. ed. 148.



5 BITTER-SWEET 10 *Common* NIGHTSHADE 11 DWALE *Deadly Nightshade.* 12 *Wild* SPARAGUS

RAY 672. 1. S. 90. 1. ed. 149. 1. RAY 672. 2. Syn. 97. 2. ed. 149. 2. RAY 679. 1. Syn. 97. ed. 150. RAY 683. 1. S. 97. ed. 150.



ENGLISH HERBS *with 4 Leaved FLOWERS & Long Pods* TAB. XLV.

1. JACK by the HEDGE. 2 TREACLE WORMSEED. 3. WALL-FLOWER, or STOCK 4. Sea STOCK-GYLLY FLOWER.
RAY 792. c. 9. S. 109. ed 165 RAY 811. 2 Syn. 113. 1. ed 170. 1 RAY 782. 1 Syn 108. ed 164 RAY 780. 3. S. 108. ed 164.



5. White Thorow COLEWORT. 6. Sea COLEWORT. 7. Round TURNEP. 8. Long TURNEP.
RAY 797. 20. RAY 796. 13. S. 109. ed 166 RAY 800. 1. S. 110. ed 167. RAY 800. 2. S. 110. 2. ed 167. 2



9. Wild NAVEW. 10. White MUSTARD. 11. Comon MUSTARD. 12. Wild MUSTARD.
RAY 802. 2. S. 110. ed 167. RAY 802. 2. S. 111. 3. ed 168. 3 RAY 803. 3. S. 111. ed 167. RAY 802. 1. Syn. 111. ed 108. 2.



ENGLISH PLANTS *with 4 Leaved* FLOWERS *& Long Pods.* TAB. XLVI.

1. Winter CRESS. *RAY 809. 8. Syn. 112. 2. ed. 169. 2.*



2 Early Winter CRESS. *RAY 809. 8.*



3 Hedge MUSTARD. *RAY 810. 9. S. 112. 3. ed. 169. 3.*



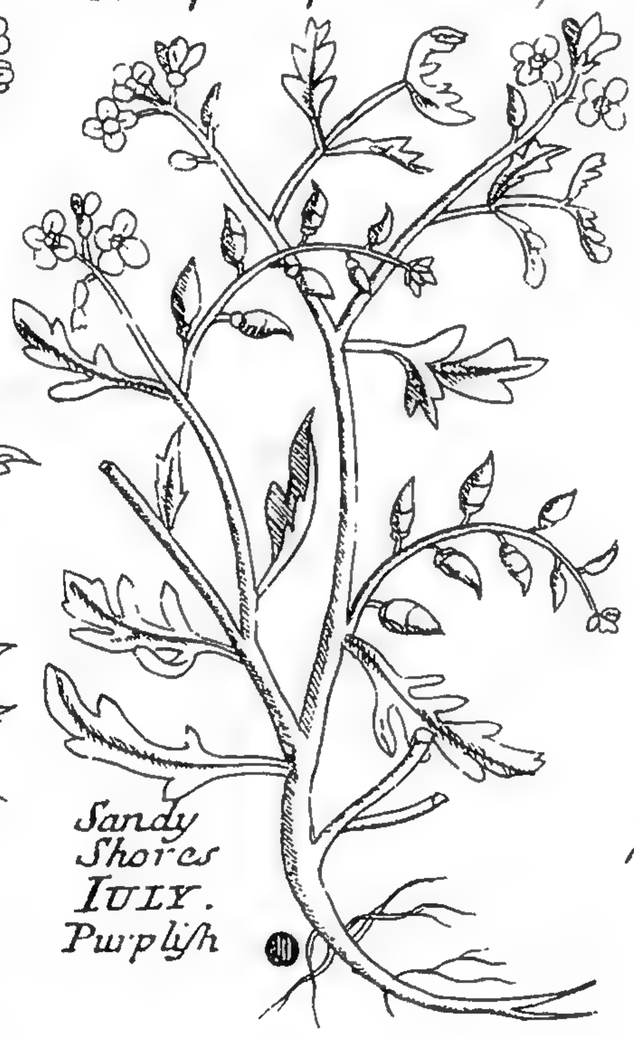
4. Broad Hedge MUSTARD. *RAY 811. 3. S. 113. 2. ed. 170. 2.*



5. Water ROCKET. *RAY 808. 3. S. 112. 1. ed. 169. 1*



6 Sea ROCKET. *RAY 840. c14. S. 118. ed. 176.*



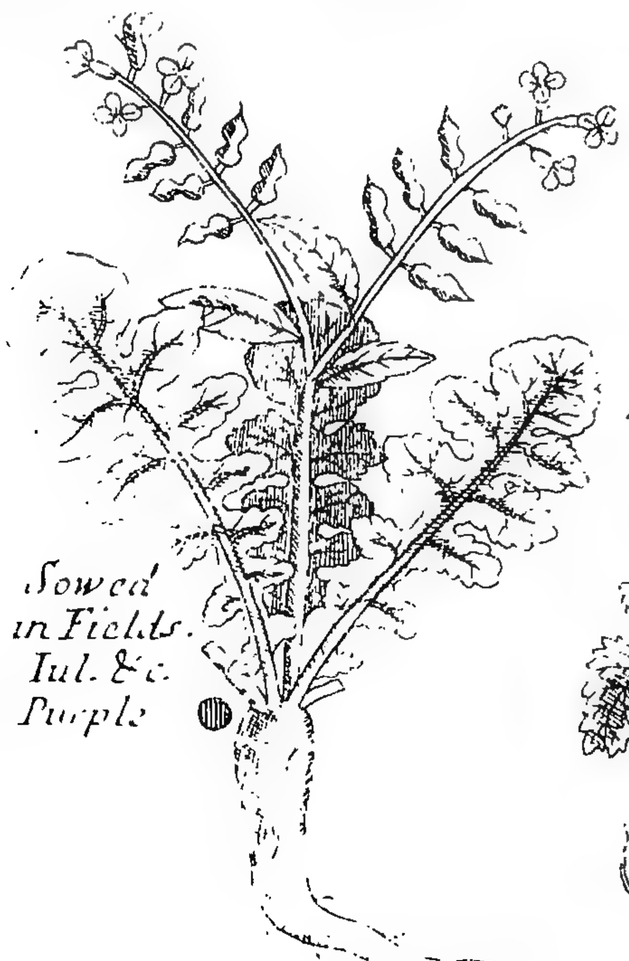
7 Man ROCKET. *RAY 809. 5. S. 112. 2. ed. 169. 2.*



8 Wall ROCKET. *RAY 807. 4 S. 112. 1. ed. 169. 1.*



9. Garden RADISH *RAY 804. 1. S. 111 1. ed. 168. 1.*



10. White CHARLOCK. *RAY 805. 2. S. 111. 2. ed. 168. 2.*



11. Great White CHARLOCK. *RAY 806. 4.*



12. ELIX-WEED. *RAY 812. 10. S. 113. 3. ed. 170. 3.*



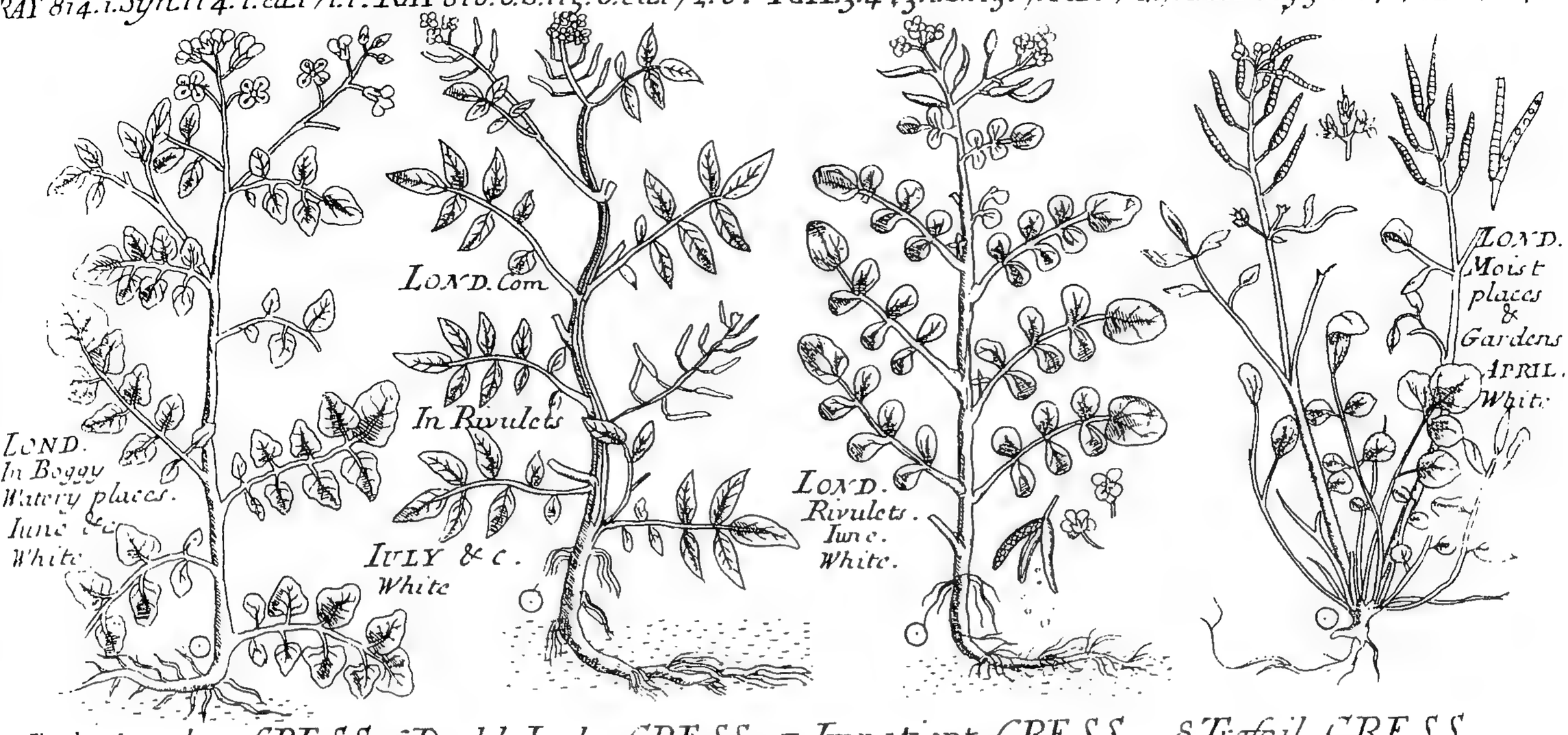
ENGLISH HERBS with 4 Leaved FLOWERS & slender Pods. TAB. XLVII.

1. Bitter CRESS. RAY 814. 1. Syn 114. 1. ed 171. 1.

2. Water CRESS. RAY 816. 6. S. 115. 6. ed 172. 6.

3. Early Water CRESS. RAY 3. 413. 1. S. 115. 7. ed 17 2. 7.

4. Hairy CRESS. RAY 815. 5. S. 114. 4. ed. 171. 4.



5. Lady Smock or CRESS. RAY 814. 2. S. 114. 2. ed 171. 2.

6. Double Lady CRESS. RAY. Syn. 114. 2. ed 171. 2.

7. Impatient CRESS. RAY 815. 4 S. 114. 3. ed 171. 3.

8. Trefoil CRESS. RAY 817. 11.



9. Daisy CRESS. RAY 817. 10. S. 114. 5. ed 172. 5.

10. Tower MUSTARD. RAY 799. 3. S. 110. 1. ed 166.

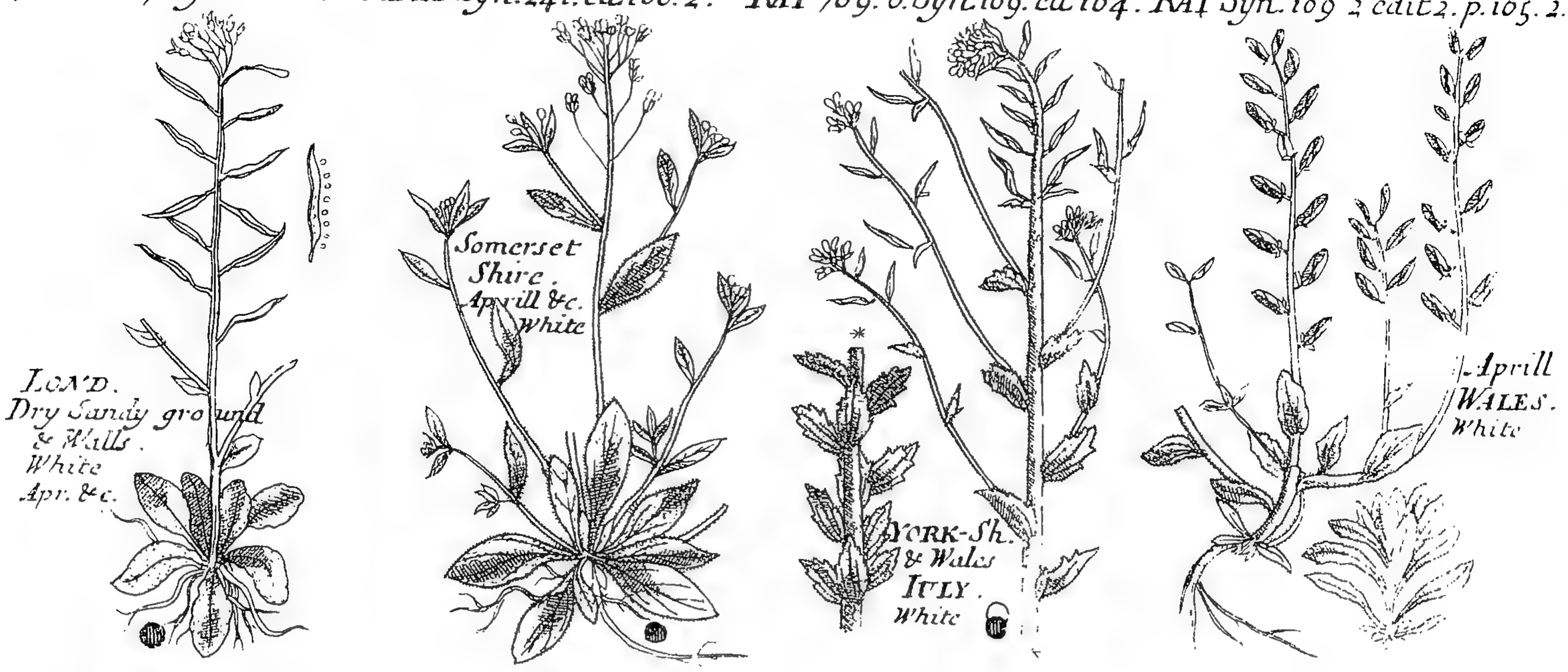
11. Great Tower MUSTARD. RAY 799. 5.

12. Daisy Tower MUSTARD. RAY 799. 6. S. 110. 2. ed 166.

ENGLISH HERBS *with 4 Leaved FLOWERS, short Pods & Husks.* TAB. XLVII

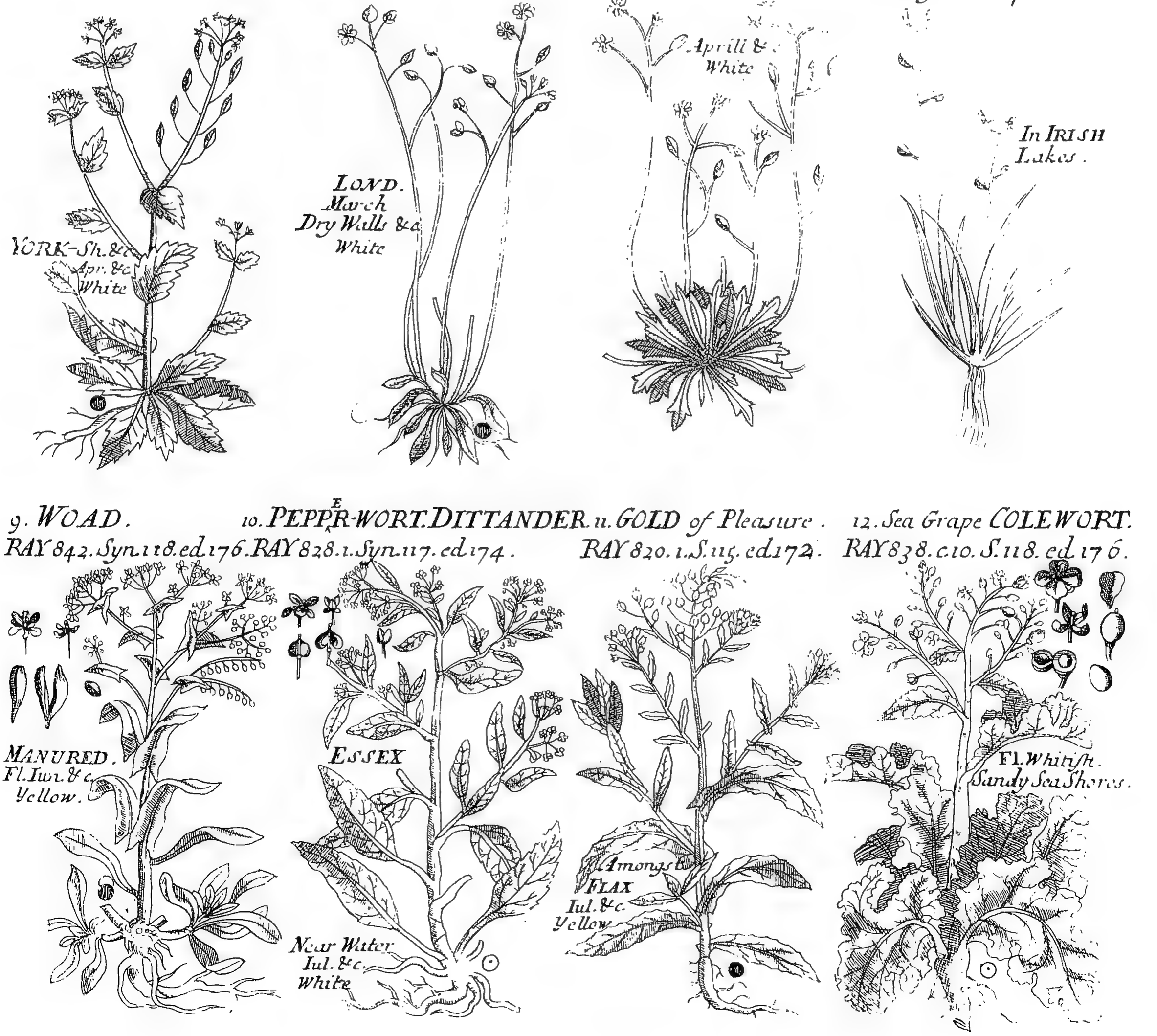
1. Thale CRESS. *2. Broad Thale CRESS.* *3. Wreathed CRESS.* *4 Small wreath CRESS.*

RAY 800. 7. Syn. 110. ed. 166. *RAY Syn. 241. ed. 166. 2.* *RAY 789. 6. Syn. 109. ed. 164.* *RAY Syn. 109 2 edit 2. p. 165. 2.*



5. Speedwell CRESS. *6. Whitlow CRESS.* *7. Notched Whitlow CRESS.* *8 Irish Rush CRESS.*

RAY 790. 4. Syn. 109. 3. ed. 165. *3 RAY 789. 1. S. 109. 1. ed. 165.* *RAY Syn. ed. 2. p. 281.*



9. WOAD. *10. PEPPER-WORT. DITTANDER.* *11. GOLD of Pleasure.* *12. Sea Grape COLEWORT.*

RAY 842. Syn. 118. ed. 176. *RAY 828. 1. Syn. 117. ed. 174.* *RAY 820. 1. S. 115. ed. 172.* *RAY 838. c. 10. S. 118. ed. 176.*

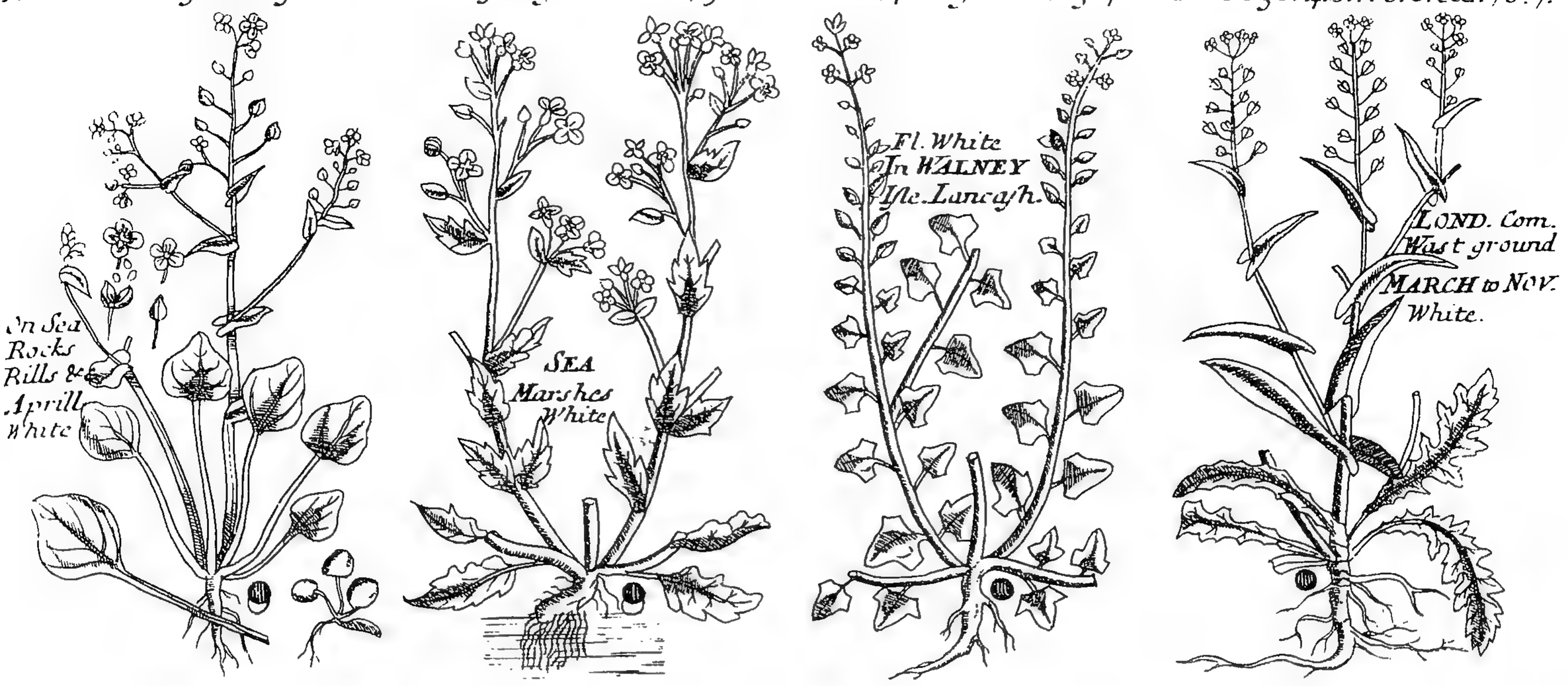
ENGLISH HERBS *with 4 leaved FLOWERS & Short Cods.* *TAB.* XLIX

1. Garden SCURVY-GRASS.
RAY 822. 1. S. 115. ed. 173. 1.

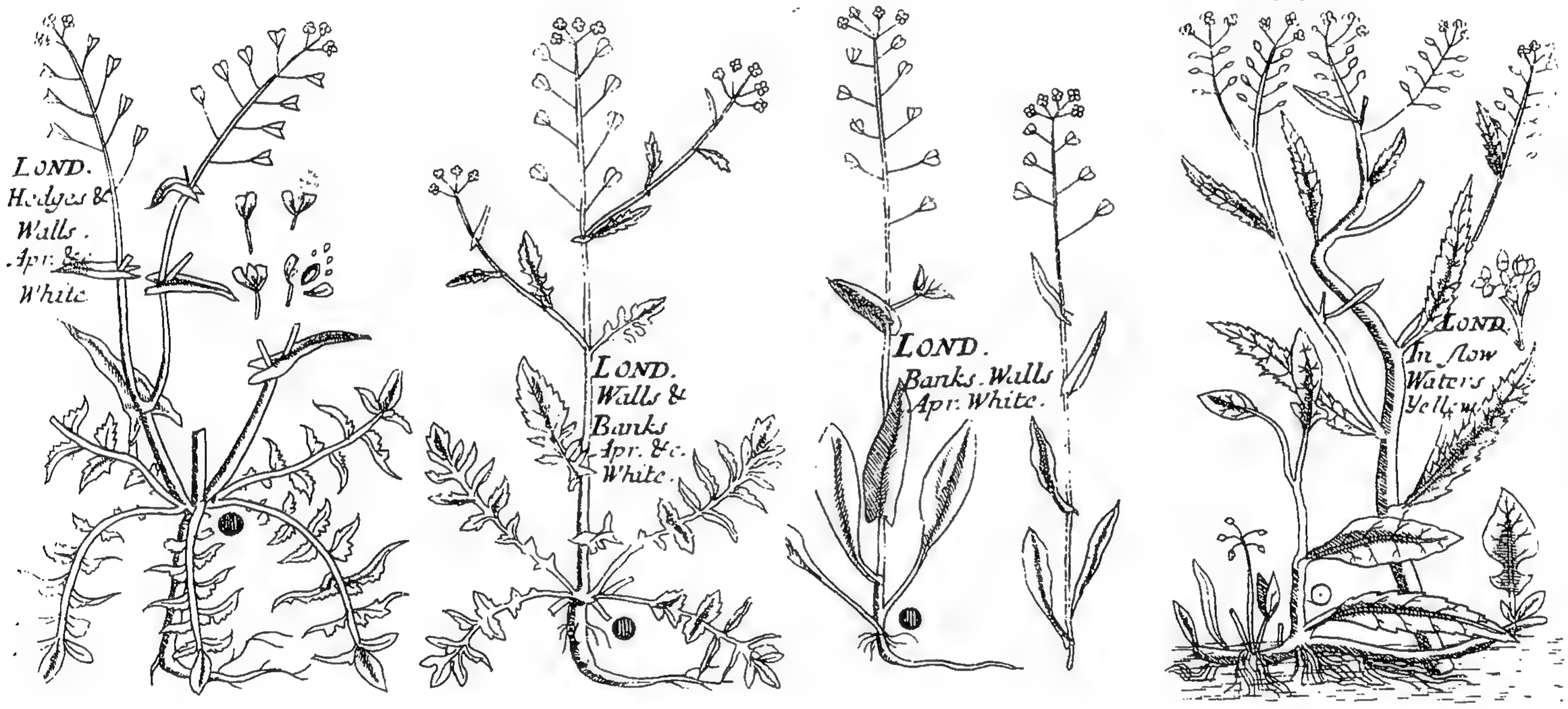
2. Sea SCURVY-GRASS.
RAY 823. 2. Syn. 116. ed. 173. 2.

3. Ivy SCURVY-GRASS.
RAY 824. 6. Syn. ed. 173. 4.

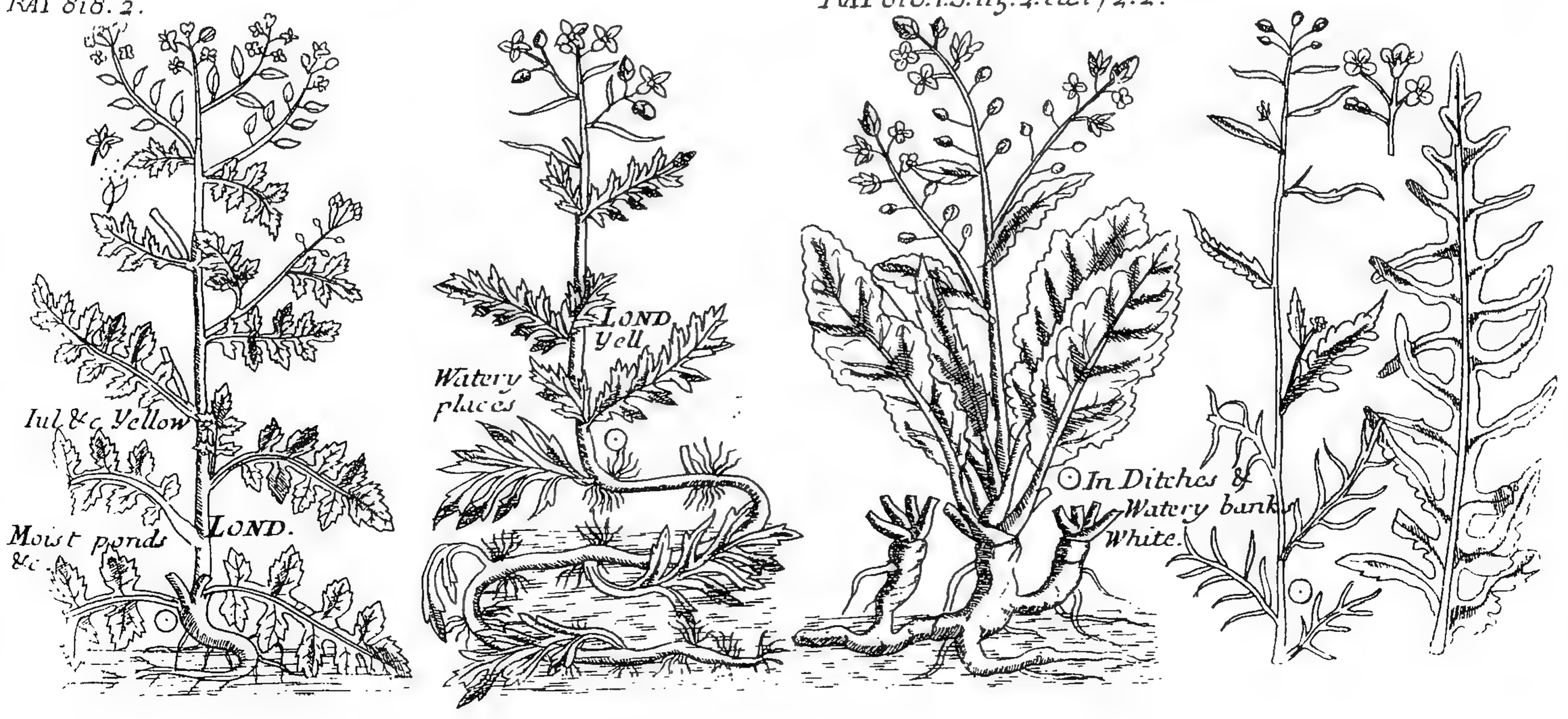
4. SHEAPERDS PURSE.
RAY 838. 4. S. 118. 6. ed. 176. 7.



5. Rugged SHEAPERDS-PURSE. *6. Small SHEAPERDS-PURSE.* *7. Whole SHEAPERDS-PURSE.* *8. Broad WATER-RADISH.*
RAY 819. 3. S. 115. ed. 172. 1.

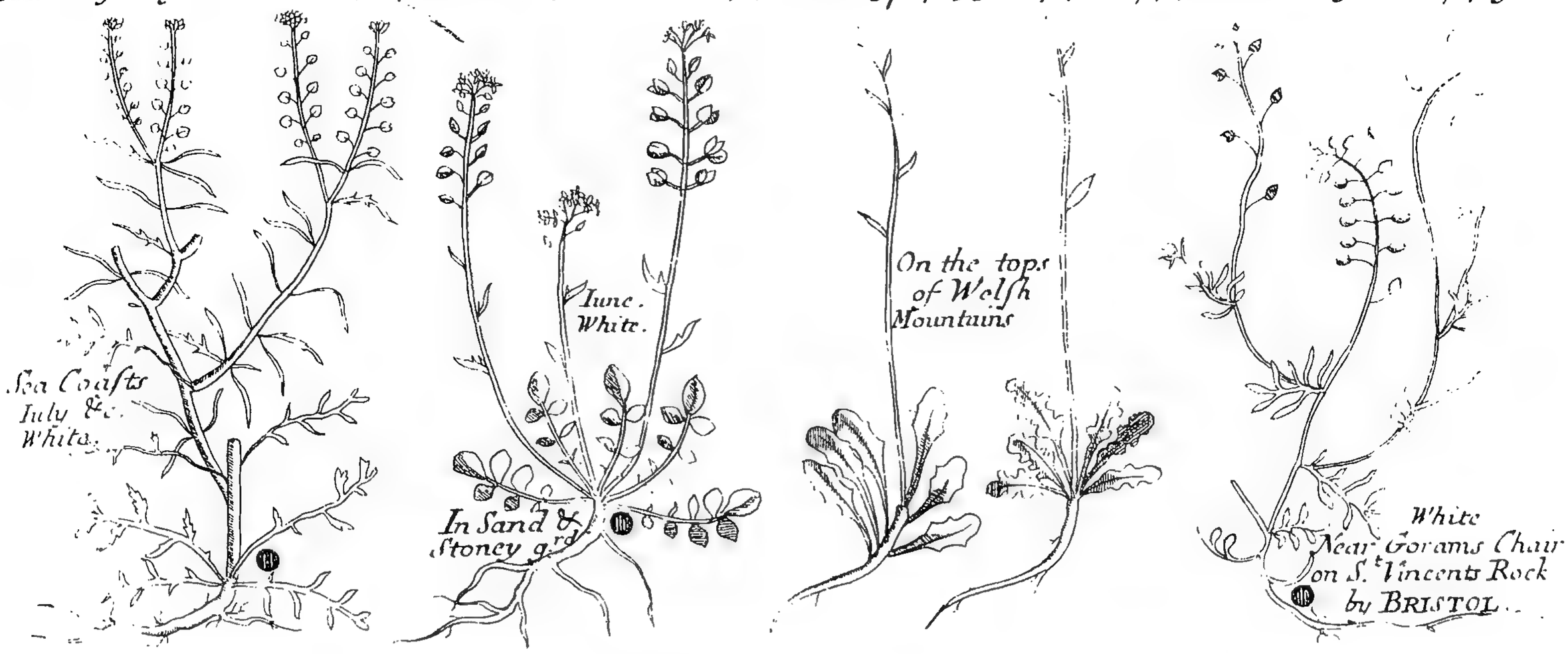


9. Small Jagged WATER-RADISH. *10. Great Jagged WATER-RADISH.* *11. Broad HORSE-RADISH.* *12. Jagged HORSE-RADISH.*
RAY 818. 2. *RAY 818. 1. S. 115. 2. ed. 172. 2.*

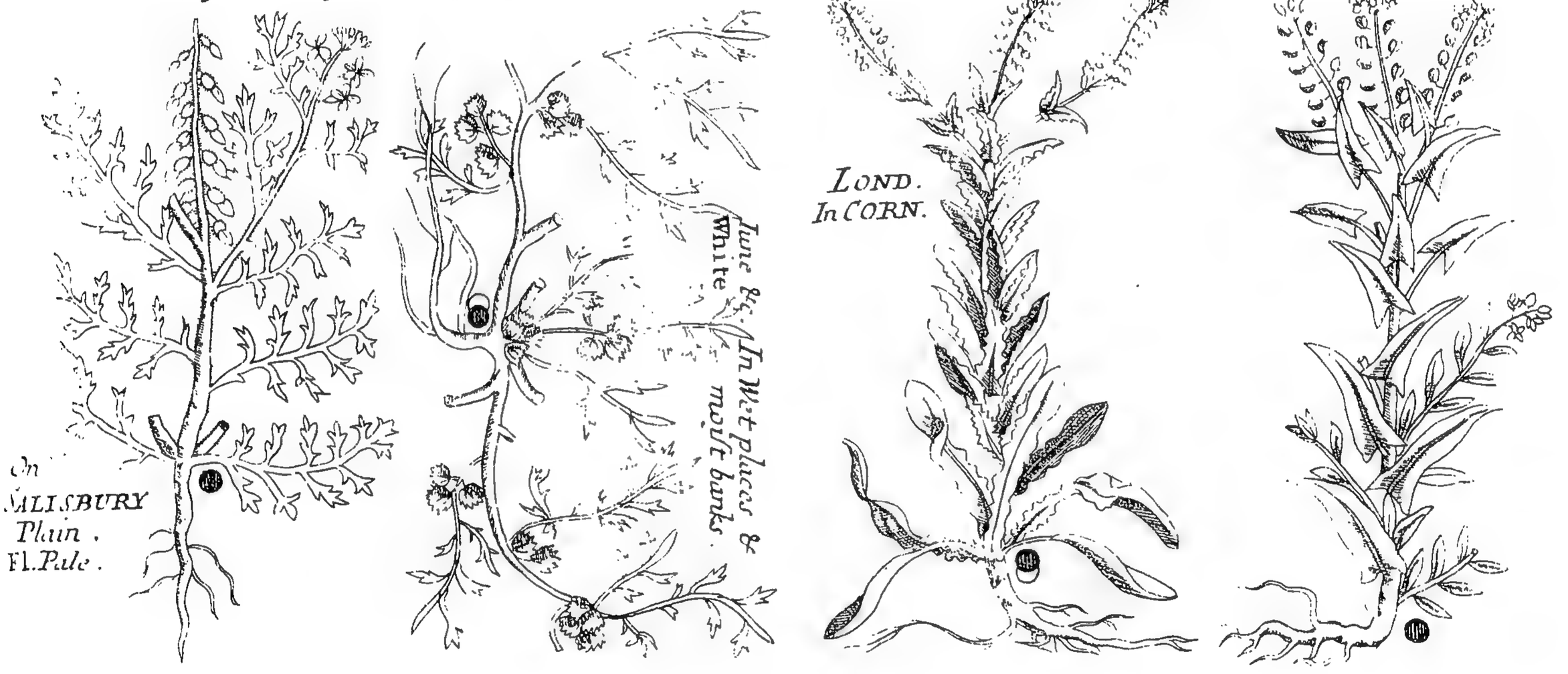


ENGLISH HERBS *with 4 Leaved Flowers & round flat Cods.* TAB. L.

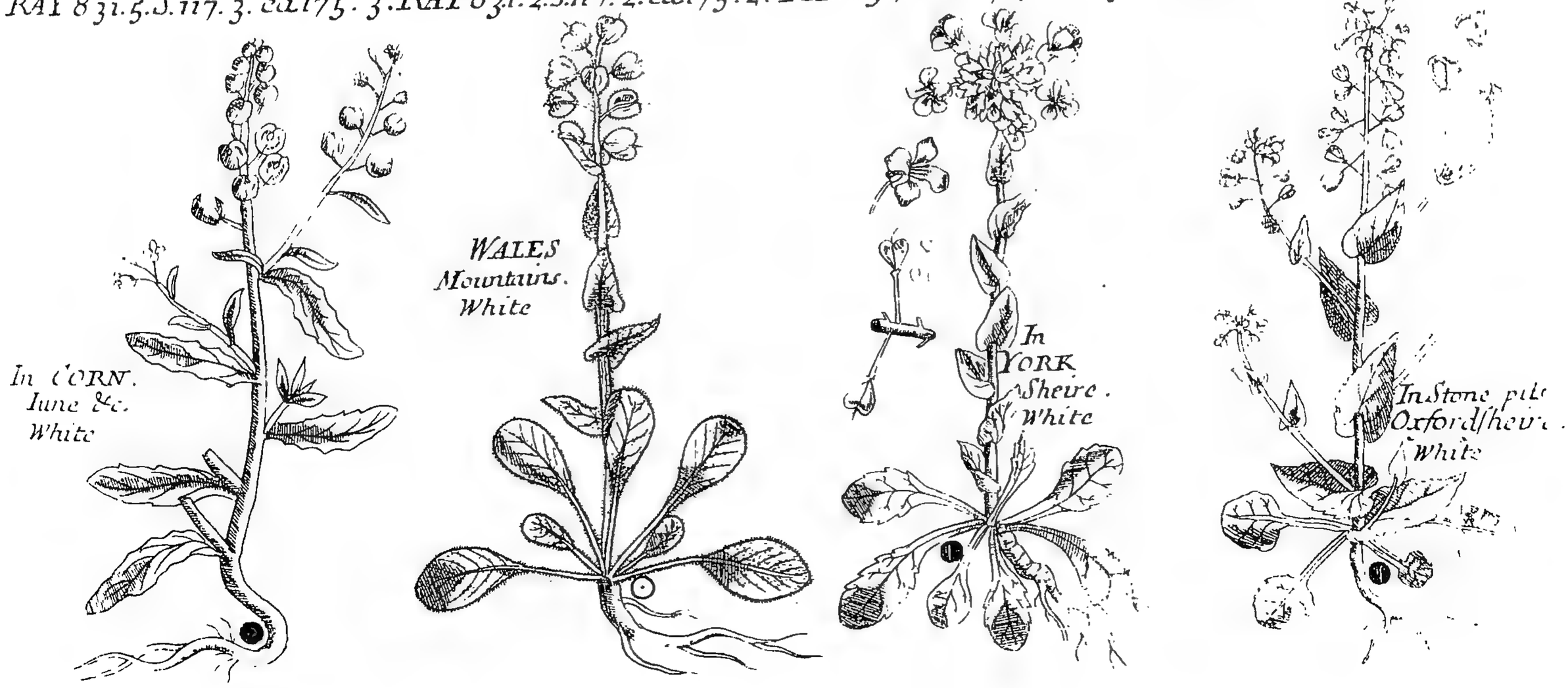
1. Narrow Wild CRESS. *2. Shepherds* CRESS. *3. WELSH Rock* CRESS. *4. Fine* CRESS.
RAY 825. 2. Syn 116. 1. ed 1741. RAY 827. 9. S. 116. 2. ed 174. 2. RAY 3. p. 413. 3. S. 117. 4 ed 1744. RAY. S. 236. ed. 174. 5.



5. Valencia CRESS. *6. Wart or Swines-* CRESS. *7. Common Cow* CRESS. *8. Smooth Cow* CRESS.
RAY 820. 8. S. 117. 3. ed. 174. 3. RAY 843. c. 20. Syn. 119. ed. 177. RAY 830. 1. S. 117. 1. ed. 175. 1. RAY Syn. 118. 5. ed. 175. 5.



9. Penny CRESS. *10 Hoary* CRESS. *11. Wood* CRESS. *12. Small thorow* CRESS.
RAY 831. 5. S. 117. 3. ed. 175. 3. RAY 831. 2. S. 117. 2. ed. 175. 2. RAY 832. 10. S. 117. 4 ed. 175. 4. RAY 832. 8. S. 236. ed. 176. 6.



ENGLISH HERBS *with 4 Leaved* FLOWERS *& small Cordated Pods. TAB. 51.*

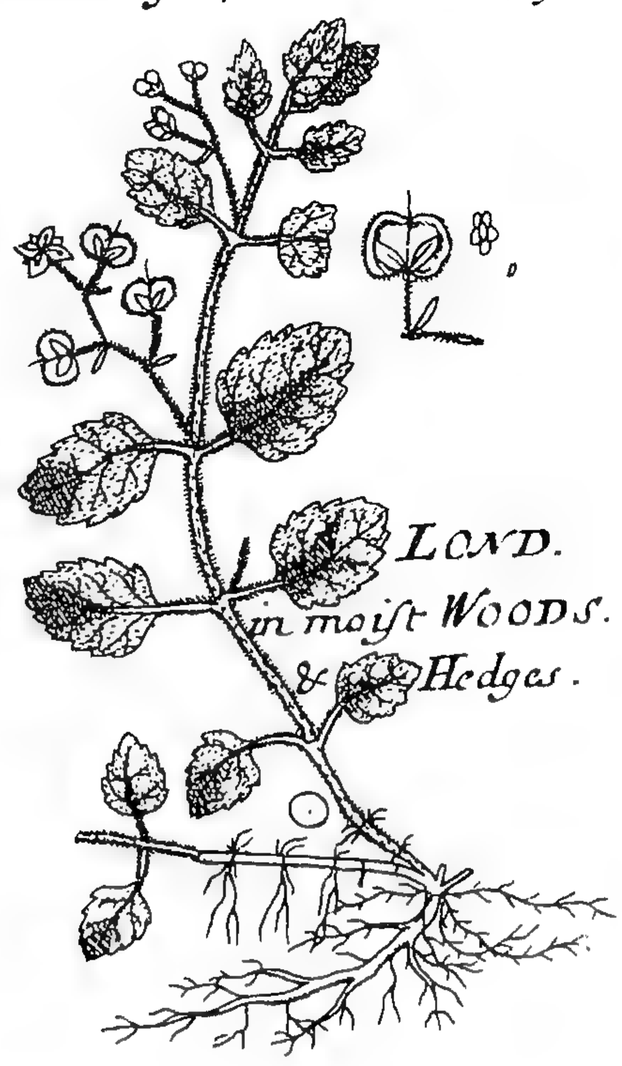
1. Broad vpright SPEEDWEL. *2. Comon Male* SPEEDWEL. *3. Meadow* SPEEDWEL. *4. Stalkt* SPEEDWEL.

RAY 845. 1. Syn 119. 1. ed 177 1. RAY 851. 7. S. 121. 13. ed 179. 13. RAY 850. 3. S 121. 11. ed 179. 11. RAY 850. 4 S 121. 12. ed 179. 12.









5. Leaft spiked SPEEDWEL. *6. Smooth* SPEEDWEL. *7. Garden* SPEEDWEL. *8. Wall* SPEEDWEL. *9. Rue* SPEEDWEL.

RAY 846. 3. S 119. 2. ed 177 2. | *RAY 848. 6. S 119. 3. ed 178. 3.* | *RAY 847. 3. S 119. 4. ed 178. 4.* | *RAY 847. 2. S 120. 5. ed 178. 5.* | *RAY 848. 5. S 120. 6. ed 178. 6.*





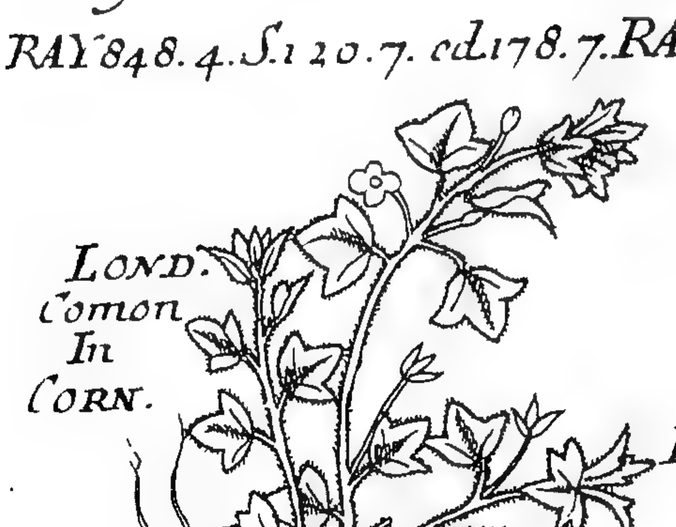


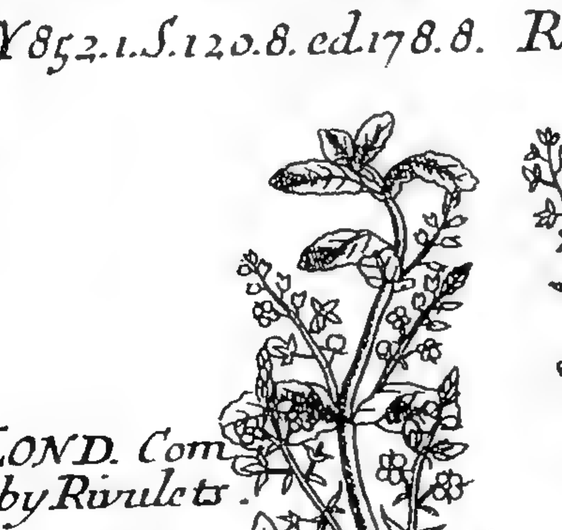




10. Ivy SPEEDWEL. *11. Comon* BROOKLIME. *12. Long* BROOKLIME. *13. Narrow* BROCKLIME.

RAY 848. 4. S. 120. 7. ed 178. 7. *RAY 852. 1. S. 120. 8. ed 178. 8.* *RAY 852. 4. S. 120. 9. ed 179. 9.* *RAY 852. 5. S. 120. 10. ed 179. 10.*









ENGLISH *Plants with Four-leaved* FLOWERS. TAB. LII.

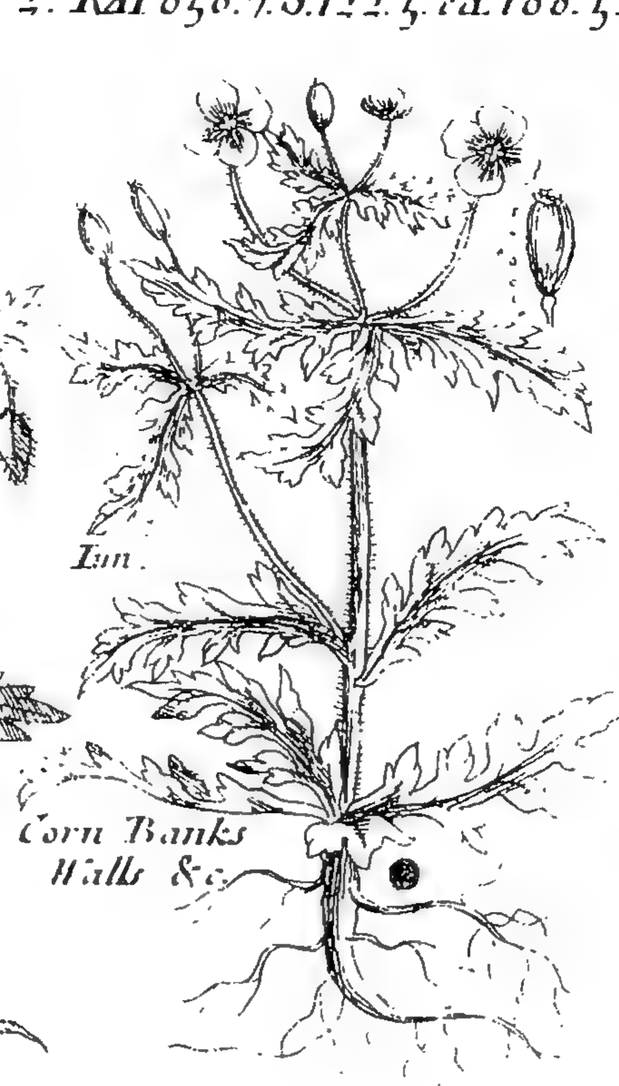
1. Red POPPY. RAY 854. 3. S. 121. 1. ed. 180. 1.



2. Corn POPPY RAY 855. 4. S. 121. 2. ed. 180. 2.



3. Long POPPY. RAY 856. 7. S. 122. 5. ed. 180. 5.



4. Yellow POPPY. RAY 856. 9. S. 122. 6. ed. 180. 6.



5. Rough round POPPY. RAY 855. 5. S. 122. 4. ed. 180. 4.



6. Rough long POPPY. RAY 856. 6. S. 122. 3. ed. 180. 3.



7. Yellow HORN-POPPY. RAY 857. 12. S. 123. 7. ed. 180. 7.



8. Purple HORN-POPPY. RAY 857. 14. S. 122. 8. ed. 181. 8.



9. CELANDINE. R. 848. 15. Syn. 122. 9. ed. 181. 9.

10. Rose WILLOW-HERB. R. 860. 1. S. 123. 1. ed. 181. 1.

11. Hairy great WILLOW-HERB. RAY 861. 4 Syn. 123. 2. ed. 182. 2.

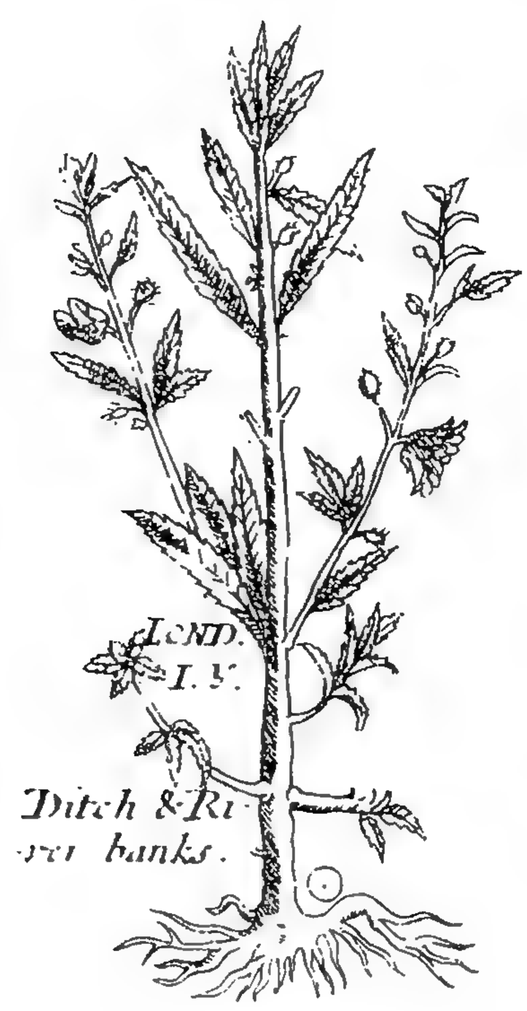
12. Hairy Small WILLOW-HERB. RAY 861. 5. S. 123. 3. ed. 182. 3.

ENGLISH *HERBS with Fore-leaved FLOWERS.* TAB. LII.

1. Great Smooth WILLOW-HERB. 2. Ray's WILLOW-HERB. 3. Malle Smooth WILLOW-HERB. 4. Small Smooth WILLOW-HERB.

RAY 861.6. S.123.4. ed.182.4. R.862.9. Syn.124.7. ed.182.7. RAY 861.7. Syn.123.5. ed.182.5. RAY 862.8. Syn.124.6. ed.182.6.







5. Wood **SPURGE.**

RAY 863.1. S.124.1. ed.183.1.



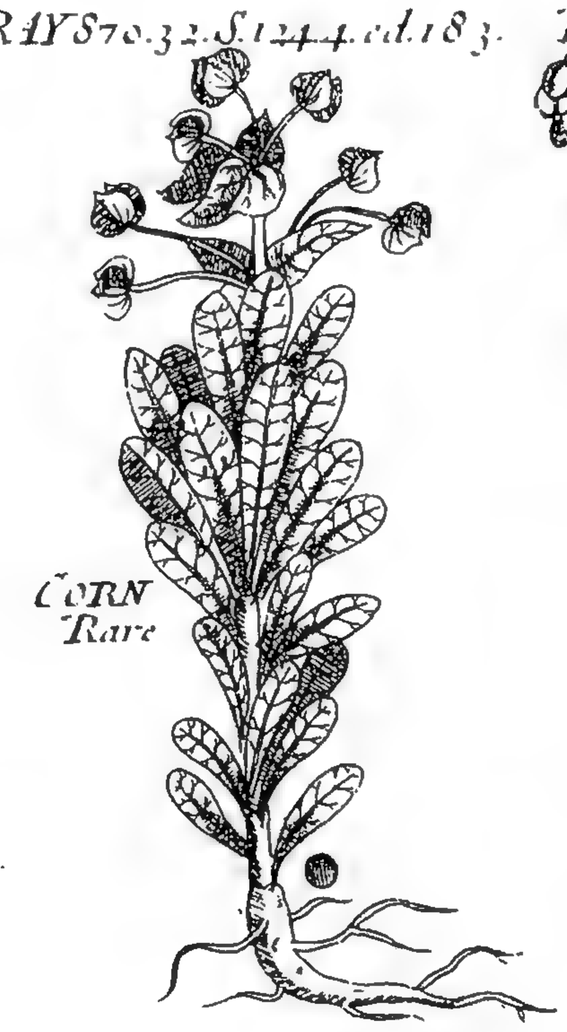
6. Warty **SPURGE.**

RAY 871.42. S. ed. 2. f. 183. 3.



7. Broad **SPURGE.**

RAY 870.32. S.1244. ed.183.



8. Sea **SPURGE.**

RAY. 865.10. S.124. 2. ed184. 4.



9. Corn **SPURGE.**

RAY 868.23. S.125.6. ed.184.6.

10. Sun **SPURGE.**

R. 869.26. S.125.7. ed 184.6.

11. Round **SPURGE.**

RAY 869.27. S.125.8. ed.184

12. Sea Dwarf **SPURGE.**

R. 869.2. S.125.9. ed.184.9





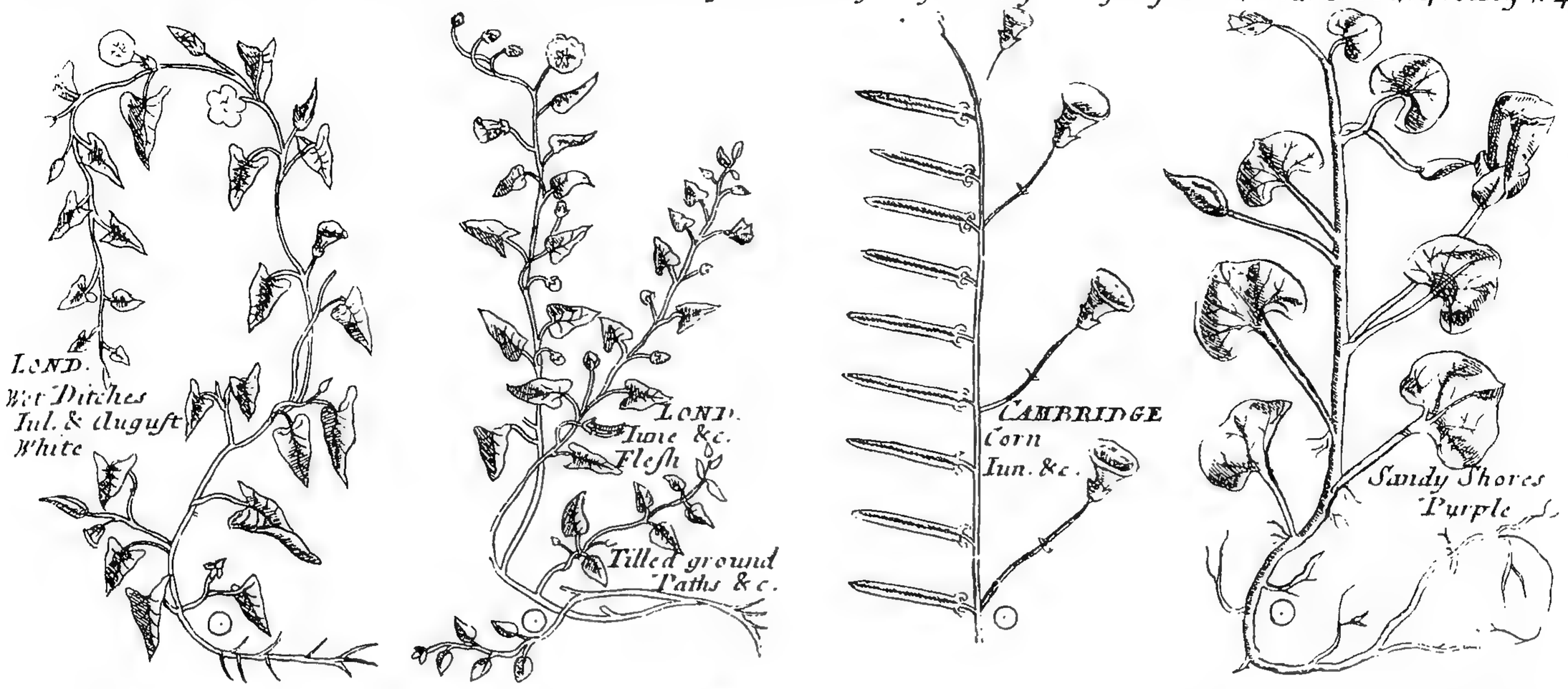




ENGLISH *HERBS with* BELL-FLOWERS. TAB. LIV.

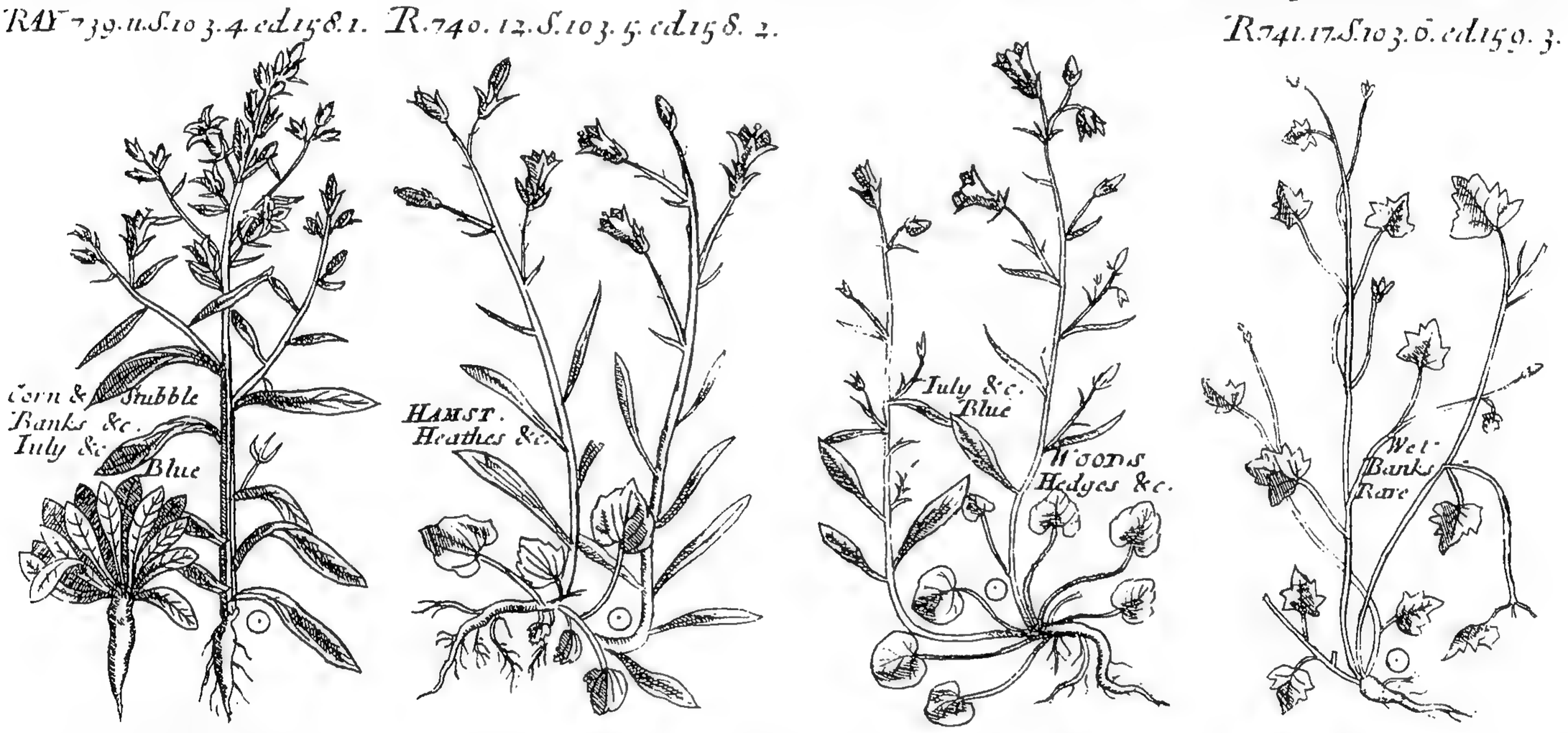
1. Great BINDWEED. 2. Small BINDWEED. 3 Narrow BINDWEED. 4. Sea BINDWEED.

C(l 725. 6. S. 102. 1. ed 157. 1. RAY 725. 7. S. 102. 2. ed. 157. 2. R. 725. 8. Syn 102. 3. ed 157. 3. R. 726. 12. S. 102. 4. ed 157. 4.



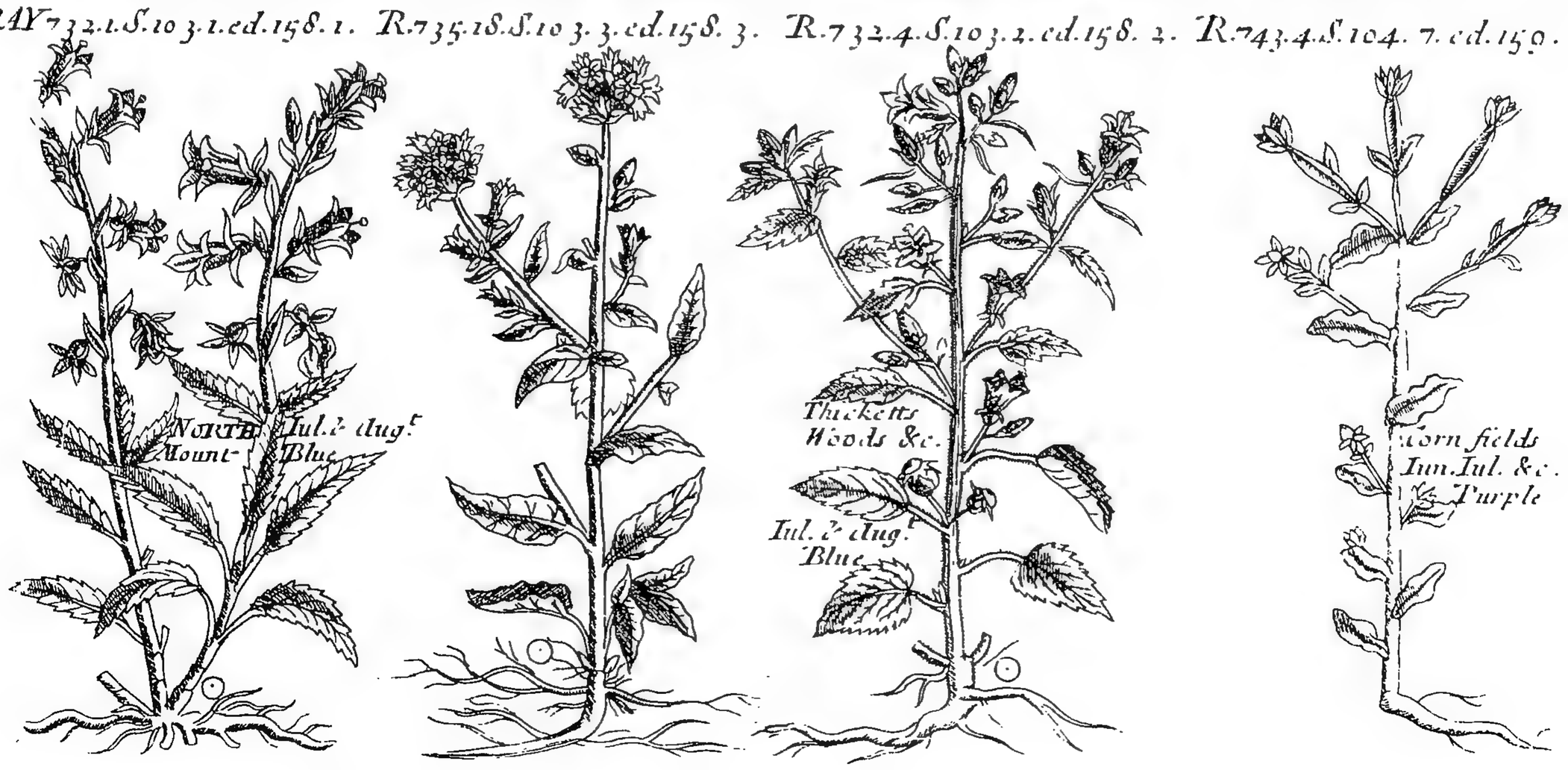
5. RAMPIONS. 6. Round BELL-FLOWER. 7. Tall round BELL-FLOWER. 8. Ivy BELL-FLOWER.

RAY 739. 11. S. 103. 4. ed 158. 1. R. 740. 12. S. 103. 5. ed 158. 2. R. 741. 17. S. 103. 6. ed 159. 3.



9. Giant THROAT-WORT. 10. Small THROAT-WORT. 11. Great THROAT-WORT. 12. Small VENUS LOOKING-GLASS.

RAY 732. 1. S. 103. 1. ed. 158. 1. R. 735. 18. S. 103. 3. ed. 158. 3. R. 732. 4. S. 103. 2. ed. 158. 2. R. 743. 4. S. 104. 7. ed. 159.

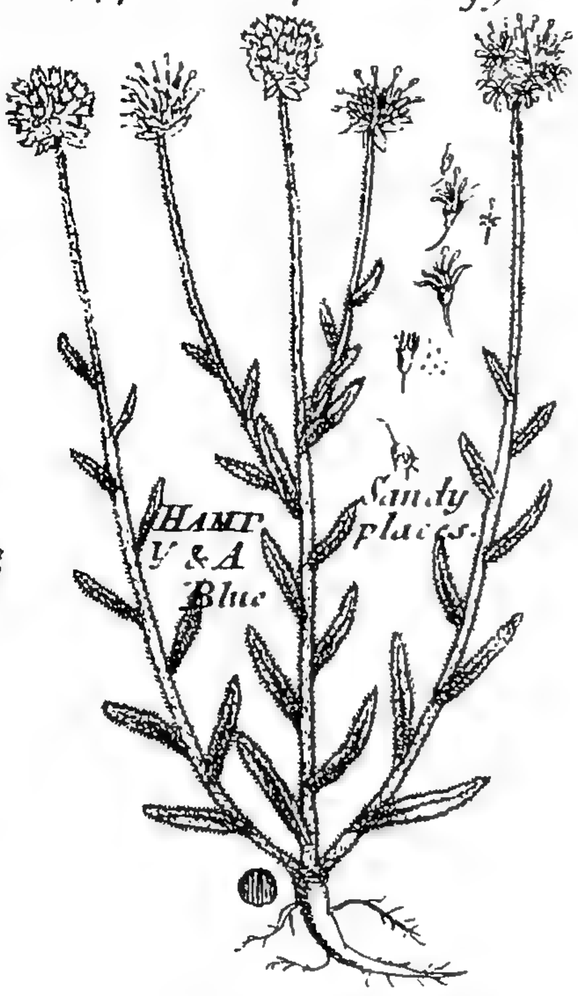


ENGLISH *HERBS with 5 Leaved hollow* FLOWERS. TAB. LV.

1. *Horned* **RAMPIONS.** *Ray 744. 2. Syn. 104. 9. ed. 159.*



2. *Scabious* **RAMPIONS.** *1. Ray 744. 2. S. 104. 10. ed. 159. 2.*



3. *Marsh* **GENTIAN.** *R. 719. 6. S. 101. 1. ed. 150. 1.*



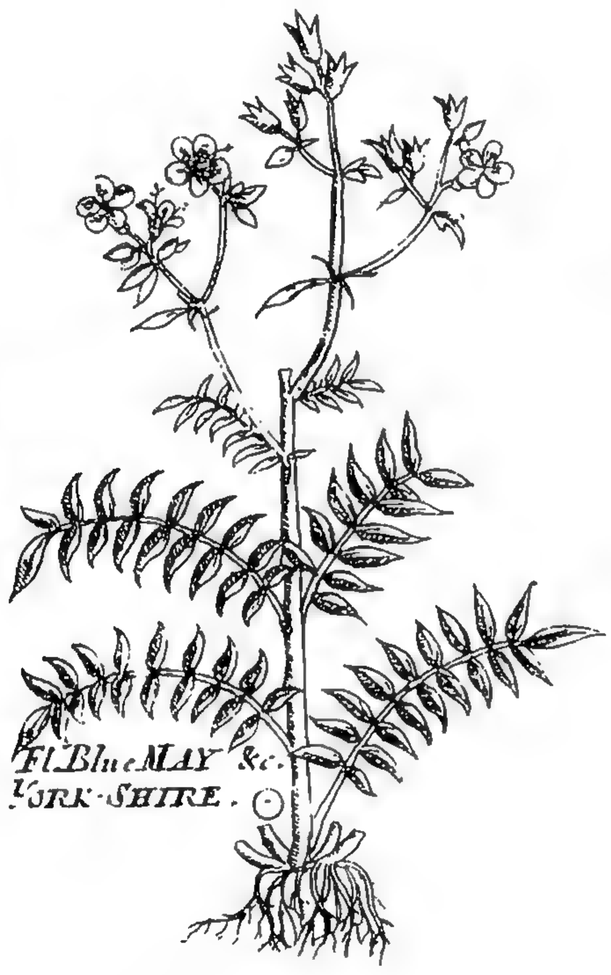
4. *Dwarf* **GENTIAN.** *R. 719. 7. S. 102. 2. ed. 150. 2.*



5. ***BUCK-BEANS.*** *R. 1099. c. 14. Syn. 161. ed. 226.*



6. *Greek* **VALERIAN.** *R. 1162. 20. S. 163. ed. 228.*



7. *Small* **CENTORY.** *R. 1092. 1. Syn. 159. ed. 224.*



8. *Yellow* **CENTORY.** *R. 1093. c. 10. S. 160. ed. 224.*

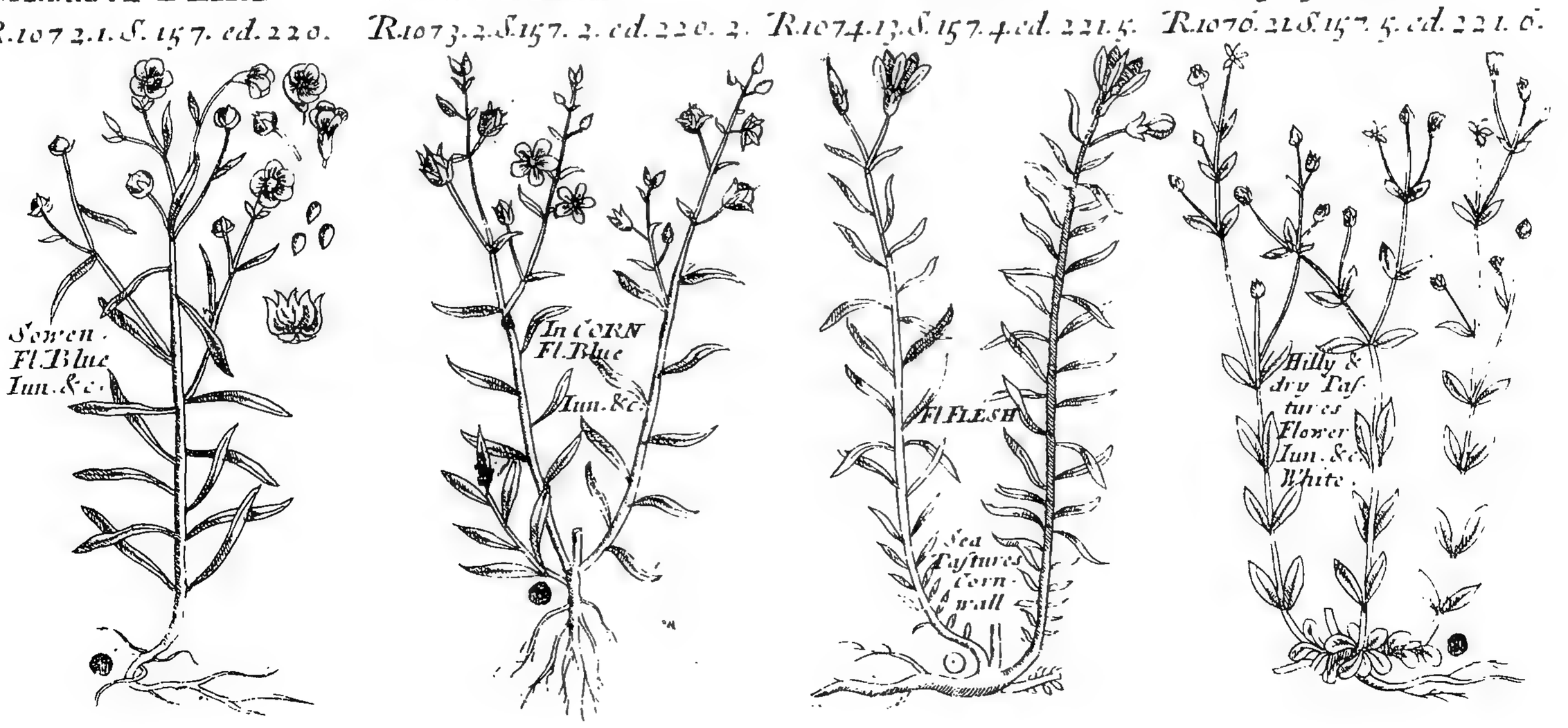


9. *Manured* **FLAX.** *R. 1072. 1. S. 157. ed. 220.*

10. *Wild* **FLAX.** *R. 1073. 2. S. 157. 2. ed. 220. 2.*

11. *Narrow* **FLAX.** *R. 1074. 13. S. 157. 4. ed. 221. 5.*

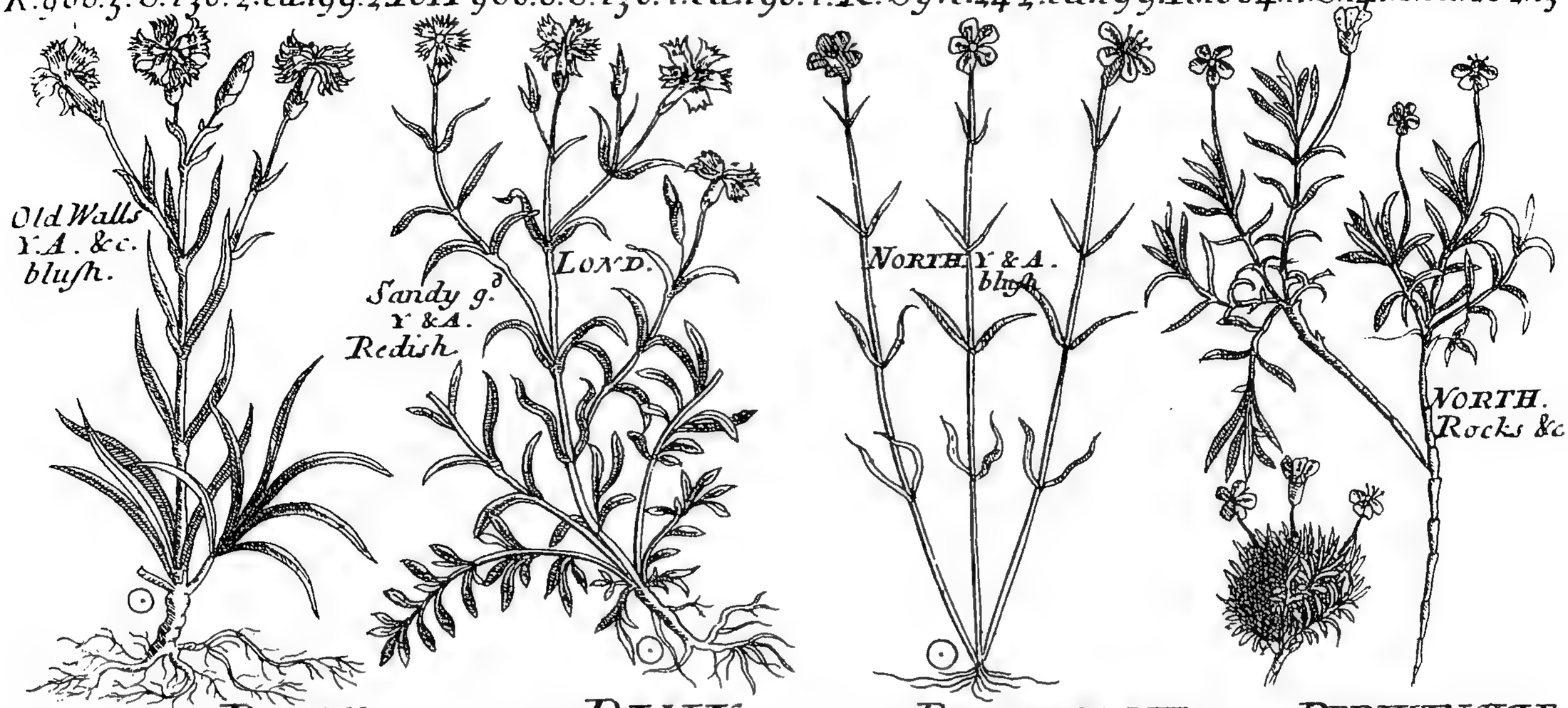
12. *Purging* **FLAX.** *R. 1076. 21. S. 157. 5. ed. 221. 6.*



ENGLISH PLANTS with 5 Leaved FLOWERS. TAB. 50.

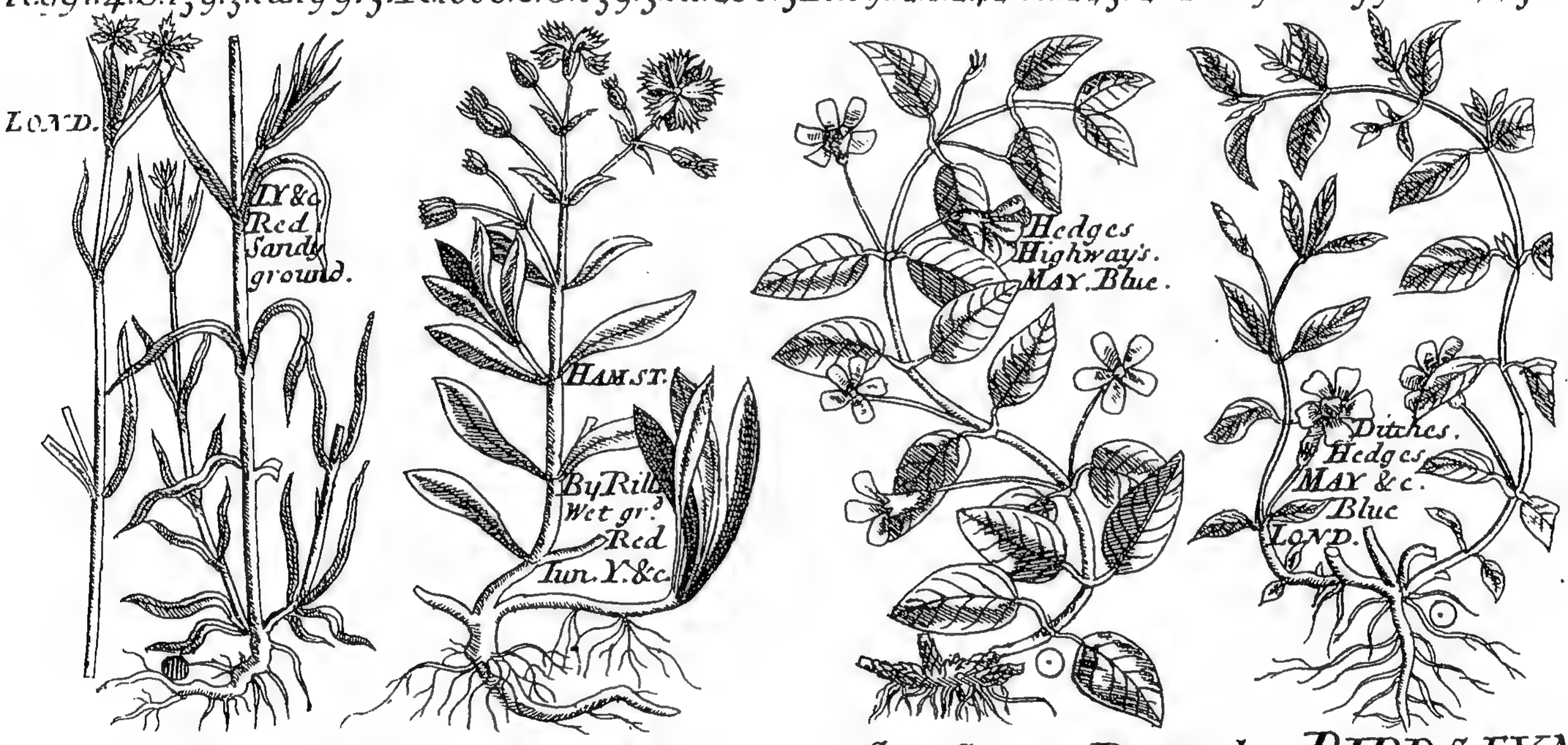
1. Wall PINK. 2. Wild PINK. 3. Single PINK. 4. Moss PINK.

R. 988. 5. S. 138. 2. ed. 199. 2 RAY 988. 6. S. 138. 1. ed. 198. 1. R. Syn. 242. ed. 199. R. 1004. 11. S. 141. 6. ed. 202. 15



5. Deptford PINK. 6. Jagged PINK. 7. Great PERIWINCKLE 8. Small PERIWINCKLE

R. 991. 4. S. 139. 3. ed. 199. 3. R. 1000. 6. S. 139. 3. ed. 200. 3 R. 1091. 2. S. 242. ed. 223. 2. R. 1091. 2. S. 159. ed. 223.



9. Yellow PRIMROSE. 10. OX-SLIPS. 11. COW-SLIPS or PAGILS. 12. BIRDS-EYN.

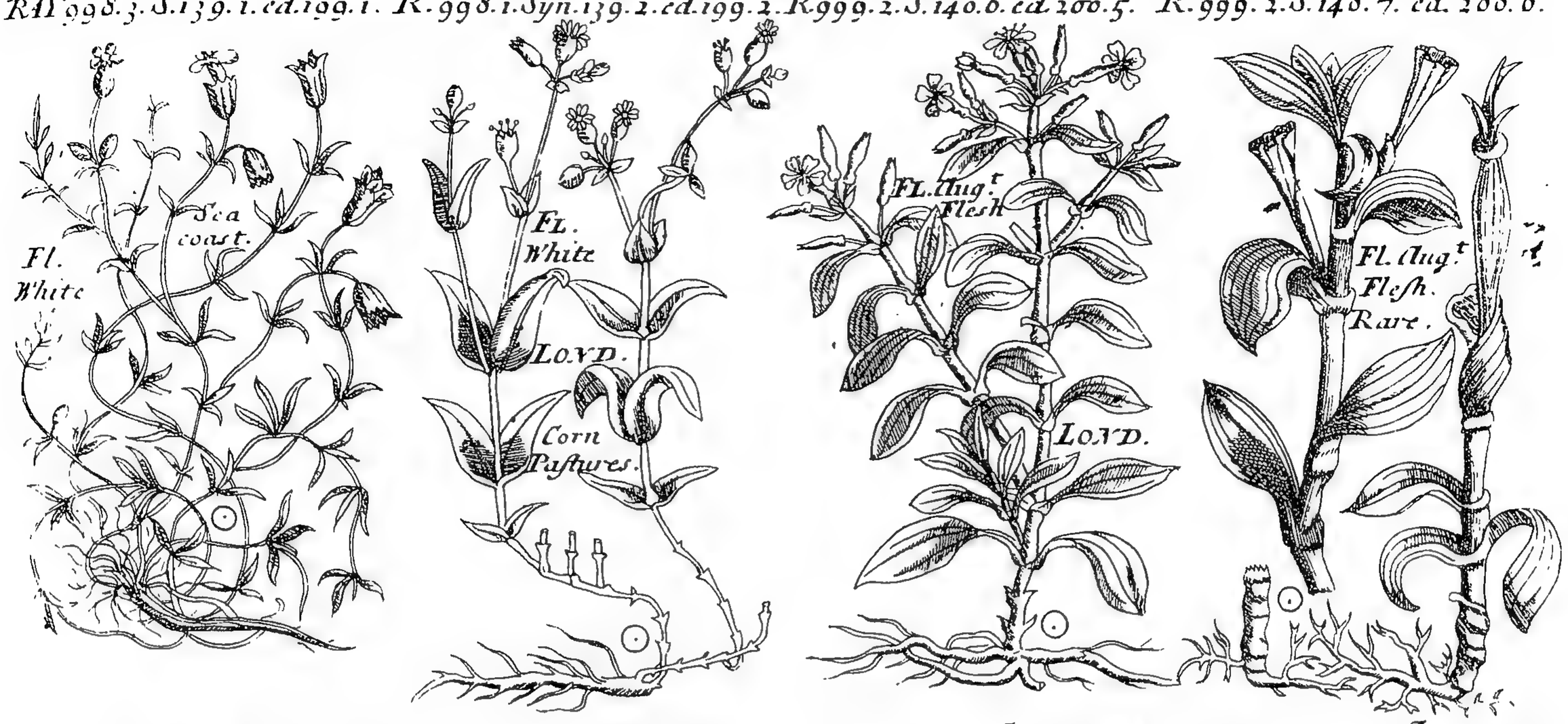
R. 1080. 1. S. 158. 1. ed. 222. 1. R. 1081. 4. S. 158. 2. ed. 222. 2 R. 1081. 5. S. 158. 3. ed. 222. 3 R. 1084. 9. S. 159. ed. 223.



ENGLISH Plants with 5 leaved Flowers. — *TAB. 57.*

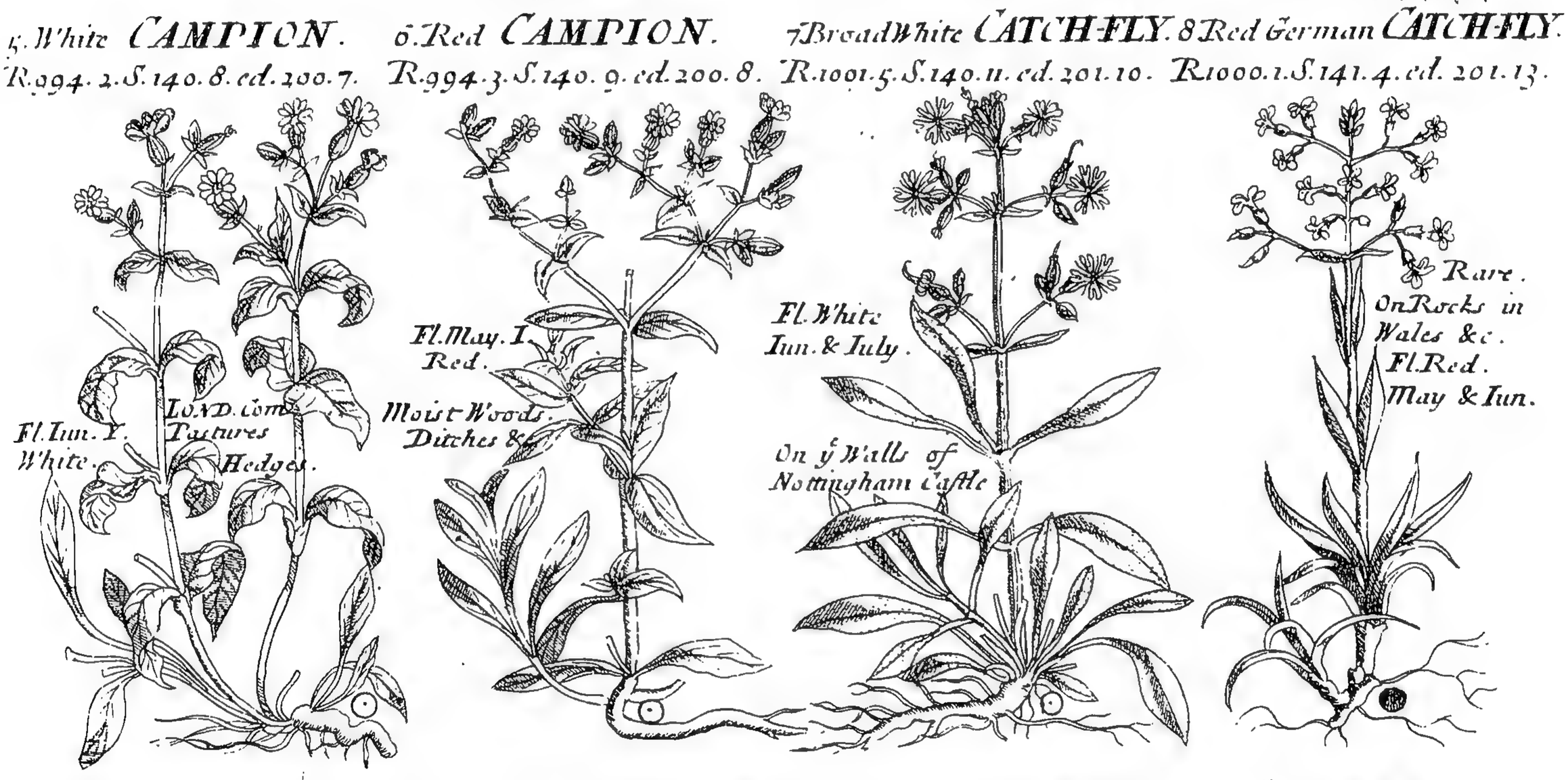
1. Sea **CAMPION.** *2. Bladder* **CAMPION.** *3.* **SOPE-WORT.** *4. Hollow* **SOPE-WORT.**

Ray 998. 3. S. 139. 1. ed. 199. 1. R. 998. 1. Syn. 139. 2. ed. 199. 2. R. 999. 2. S. 140. 6. ed. 200. 5. R. 999. 2. S. 140. 7. ed. 200. 6.



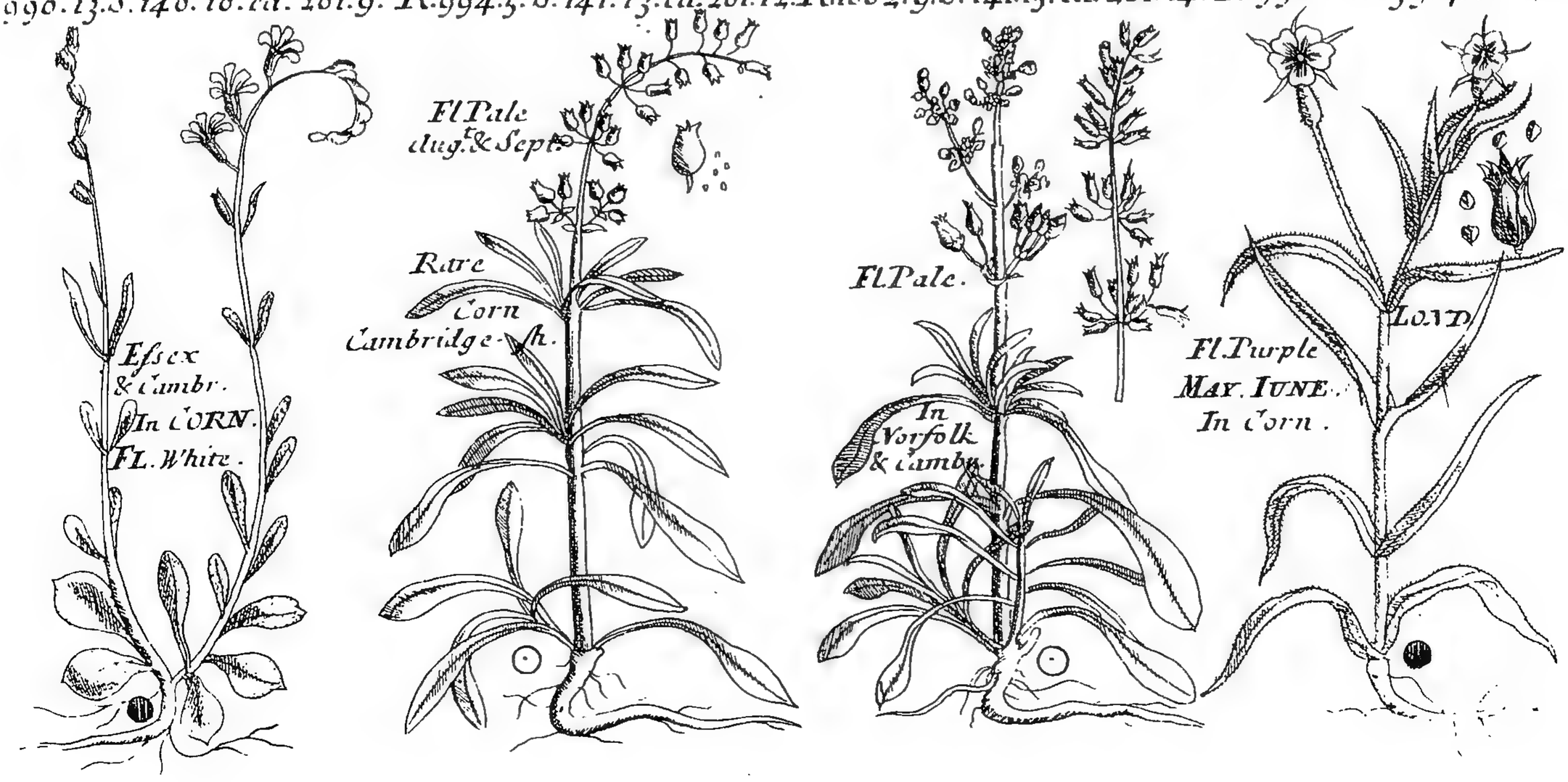
5. White **CAMPION.** *6. Red* **CAMPION.** *7. Broad White* **CATCH-FLY.** *8. Red German* **CATCH-FLY.**

R. 994. 2. S. 140. 8. ed. 200. 7. R. 994. 3. S. 140. 9. ed. 200. 8. R. 1001. 5. S. 140. 11. ed. 201. 10. R. 1000. 1. S. 141. 4. ed. 201. 13.



9. DENT'S Small **CAMPION.** *10. Night* **CAMPION.** *11. Spanish* **CATCH-FLY.** *12.* **COCKLE.**

R. 996. 13. S. 140. 10. ed. 201. 9. R. 994. 5. S. 141. 13. ed. 201. 12. R. 1002. 9. S. 141. 15. ed. 201. 14. R. 998. 1. S. 139. 4. ed. 200. 4.



ENGLISH *PLANTS with 5 Leaved, Forked* FLOWERS. TAB. 58.

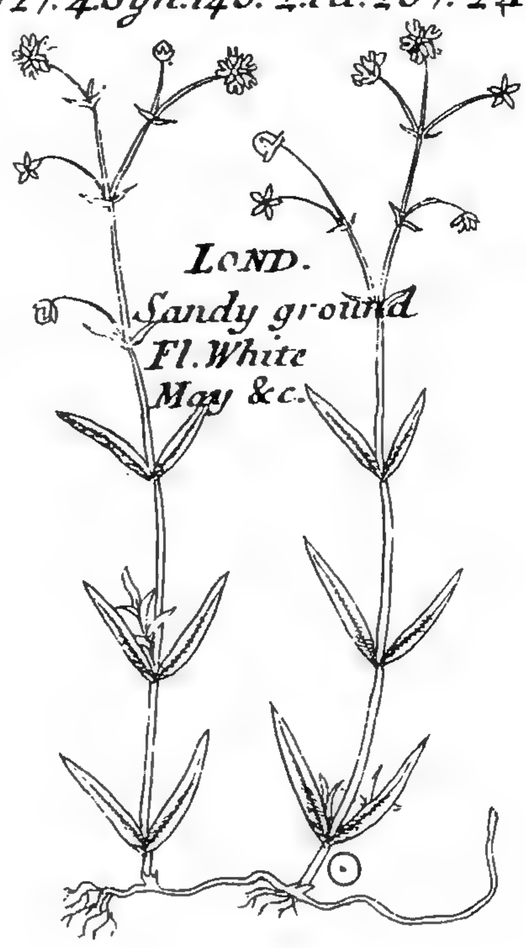
1. Great STITCH-WORT. R. 1027. 2. S. 146. 1. ed. 207. 1.



2. Middle STITCH-WORT. RAY. S. 245. pl. 3. ed. 207. 3.



3. Leſser STITCH-WORT. R. 1027. 4 Syn. 146. 2. ed. 207. 2.



4. Bogg STITCH-WORT. R. 1030. 21. S. 147. 8. ed. 209. 10.

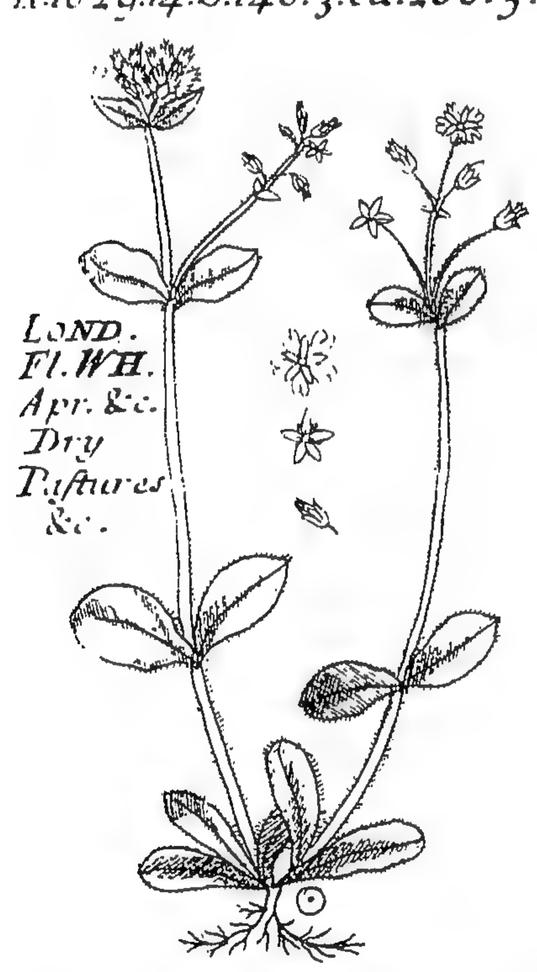


5. Broad Hairy STITCH-WORT. R. 1029. 14. S. 146. 3. ed. 208. 5.

6. Narrow Hairy STITCH-WORT. R. 1029. 15. S. 146. 4. ed 208. 6.

7. Buddle's Hairy STITCH-WORT. R.

8. Mouse-ear STITCH-WORT. R. 1027. 5. S. 248. p. 2. ed. 208. 4.









9. Snowdon STITCHWORT. R. Syn. 147. 5. ed. 208. 7.

10. Welsh STITCHWORT. RAY. S. 147. . ed. 209. 11.

11. Marsh CHICKWEED. R. 1030. 19. S. 147. 6. ed. 208. 8.

12. Comon CHICKWEED. R. 1030. 20. S. 147. 7. ed. 209. 9.



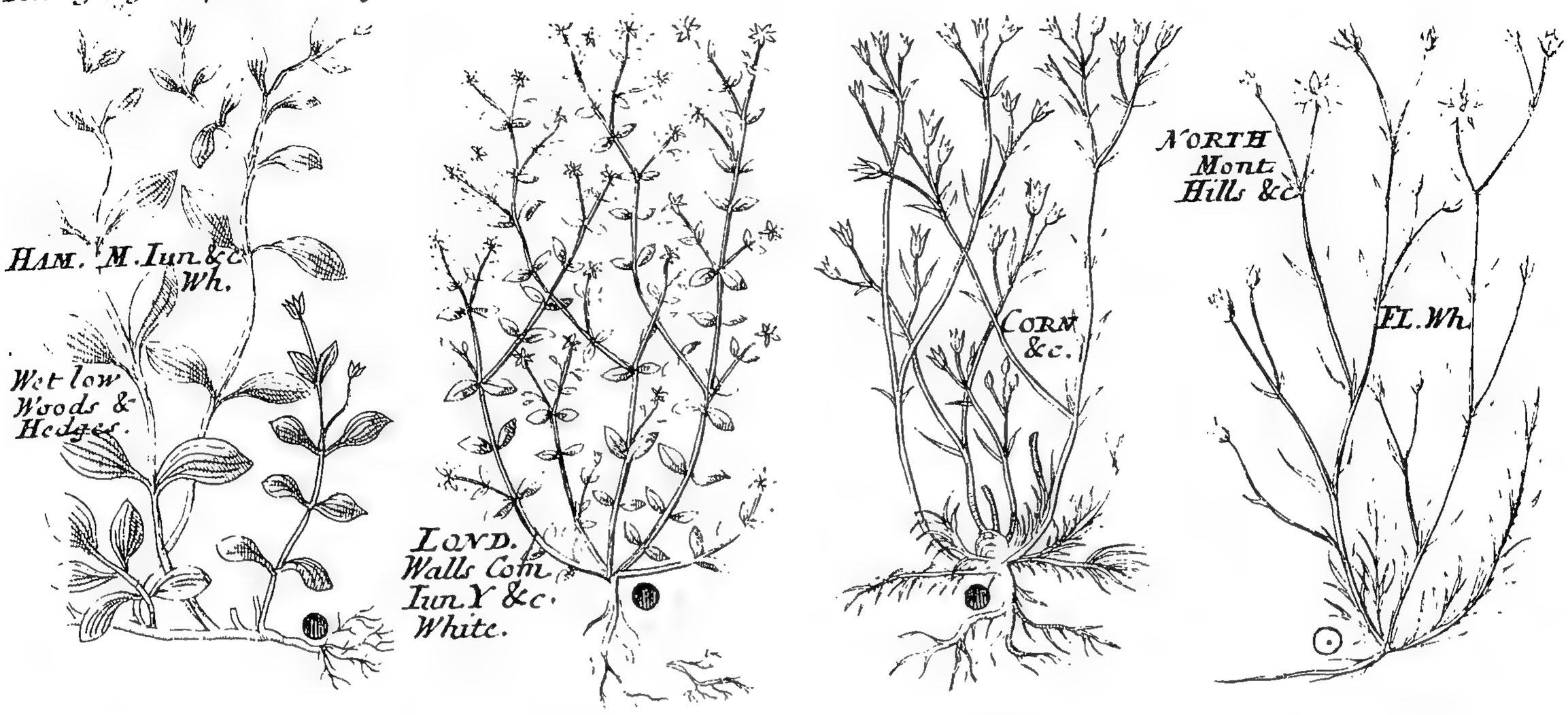




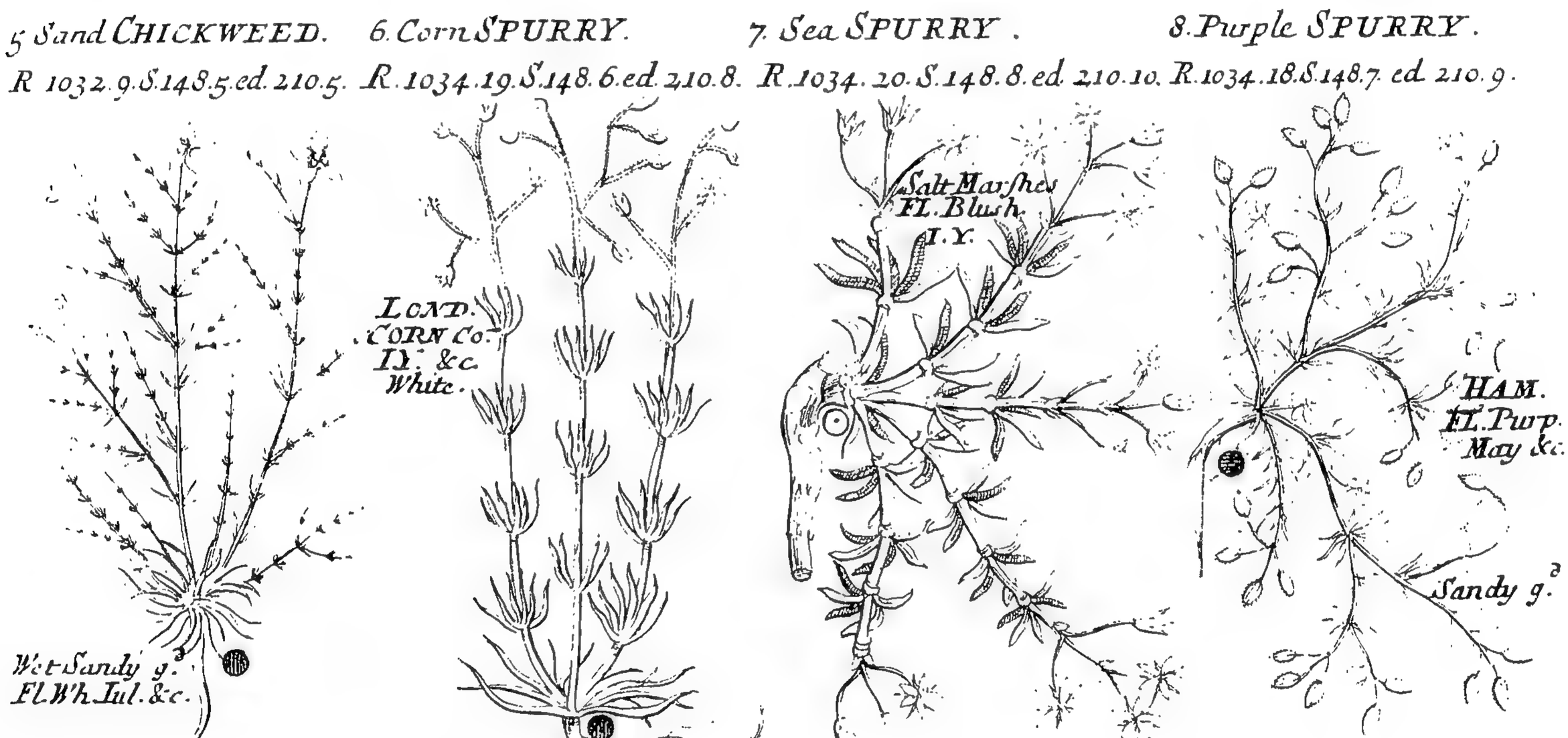


ENGLISH *Chick-weeds, Spurreys Pearl-worts &c. TAB. 59.*

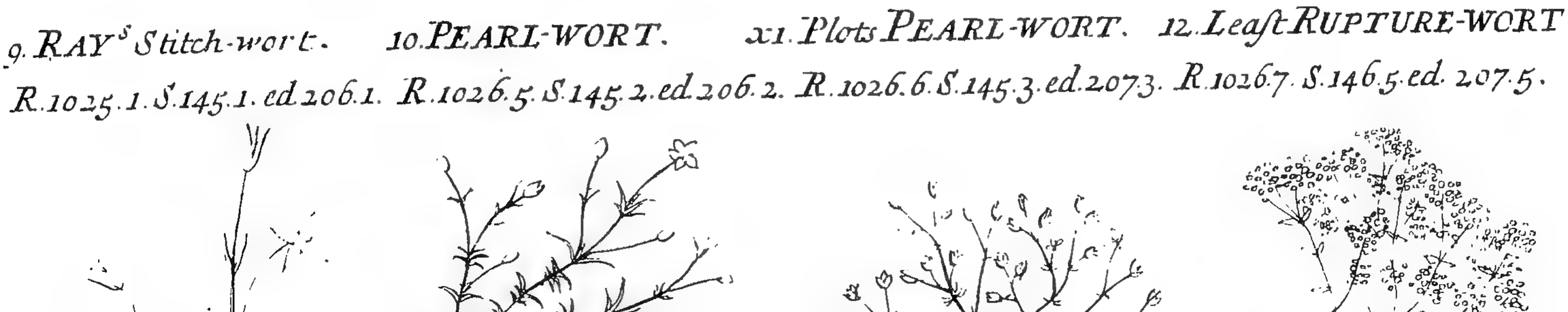
1. Plantain CHICKWEED. *2. Wall* CHICKWEED. *3. Grass* CHICKWEED. *4. Mount* CHICKWEED.
R. 1032. 5. S. 148. 2. ed. 209. 2. R. 1031. 1. S. 147. 1. ed. 209. 1. R. 1031. 4. S. 198. 3. ed. 209. 3. R. 1033. xi. S. 148. 4. ed. 209. 4.



5. Sand CHICKWEED. *6. Corn* SPURRY. *7. Sea* SPURRY. *8. Purple* SPURRY.
R. 1032. 9. S. 148. 5. ed. 210. 5. R. 1034. 19. S. 148. 6. ed. 210. 8. R. 1034. 20. S. 148. 8. ed. 210. 10. R. 1034. 18. S. 148. 7. ed. 210. 9.



9. RAY's Stitch-wort. 10. PEARL-WORT. 11. Plots PEARL-WORT. *12. Least* RUPTURE-WORT
R. 1025. 1. S. 145. 1. ed. 206. 1. R. 1026. 5. S. 145. 2. ed. 206. 2. R. 1026. 6. S. 145. 3. ed. 207. 3. R. 1026. 7. S. 146. 5. ed. 207. 5.



Sandy barren ground. FL. White. Apr. May &c.

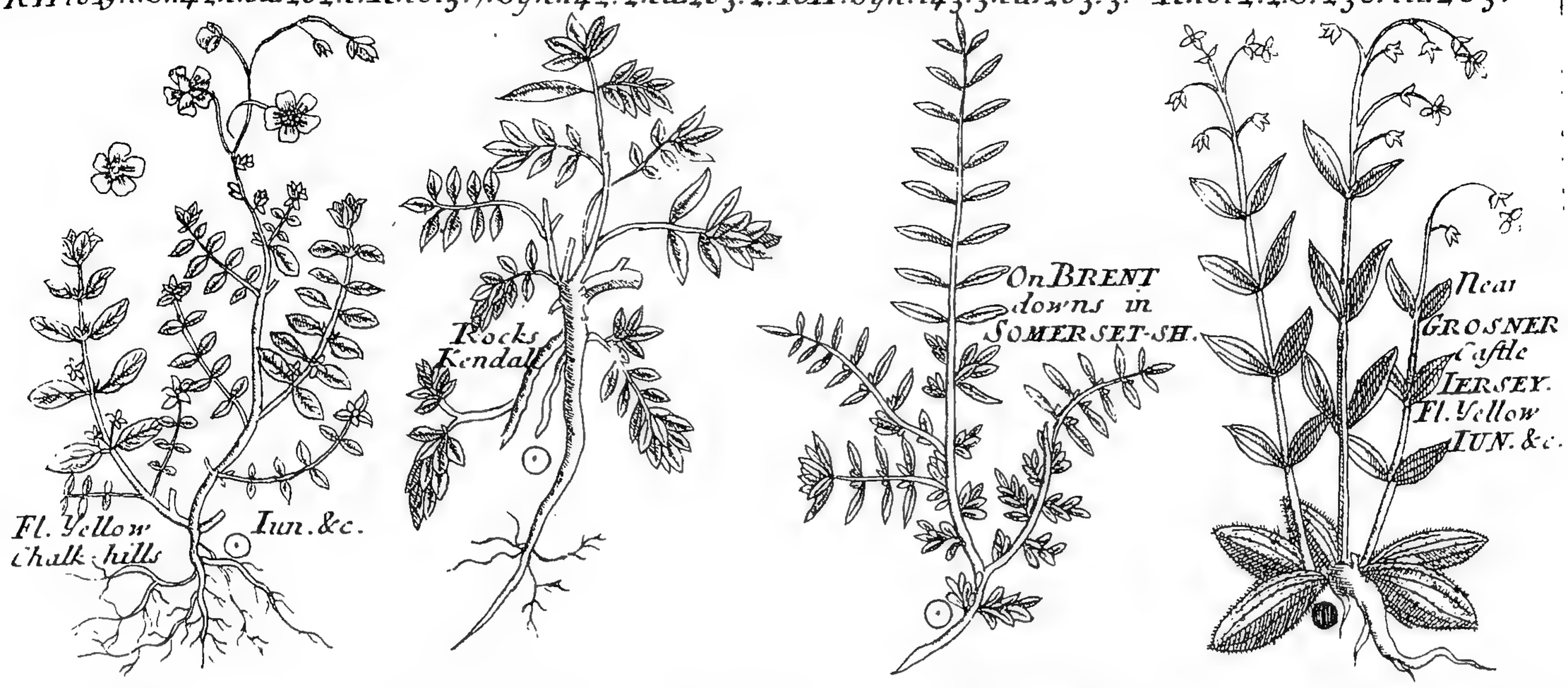
Garden walks. & wet barren ground. FL. Pale. Jun. Jul. &c.

Fallow Fields. Gardens walks &c. Fl. Pale.

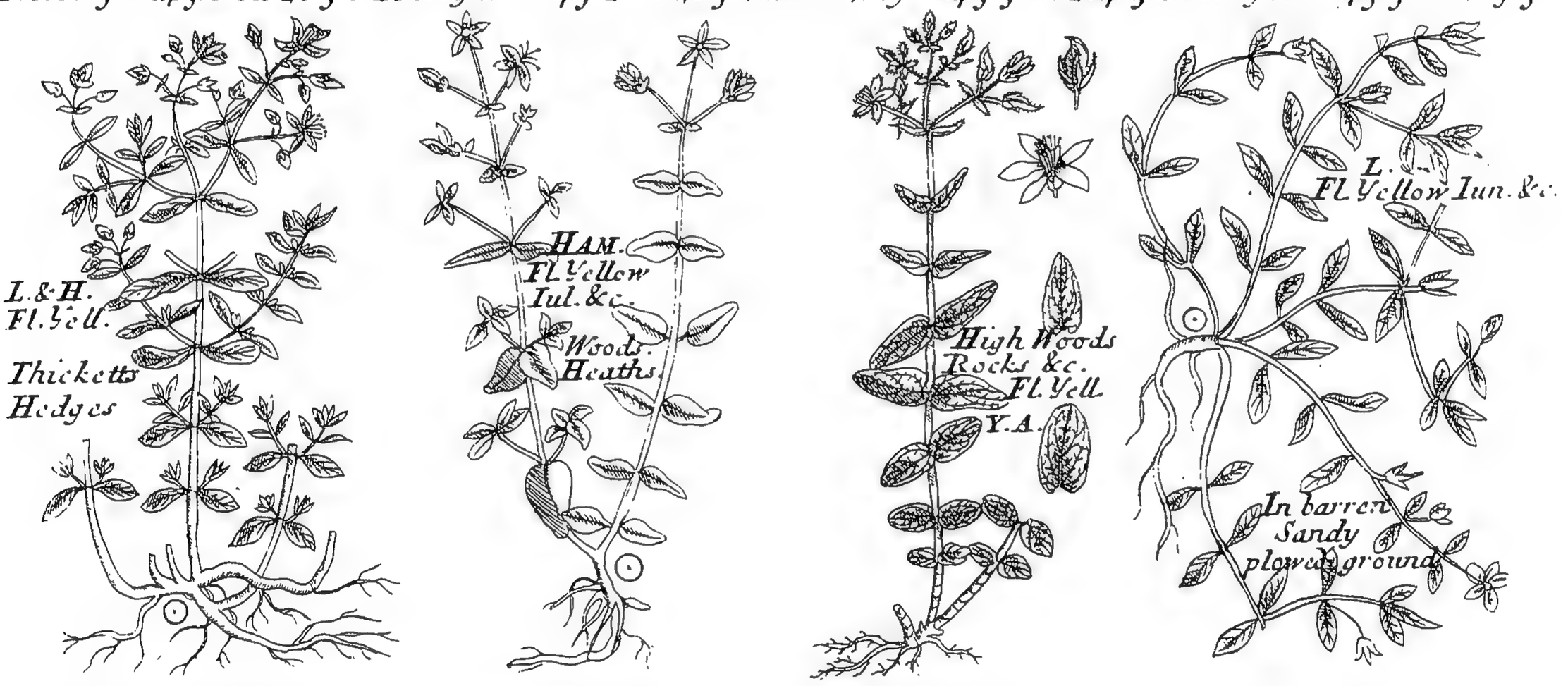
Wet Sandy Heaths. FL. Pale. July &c.

ENGLISH *PLANTS with 5 Leaved FLOWERS.* TAB. 60.

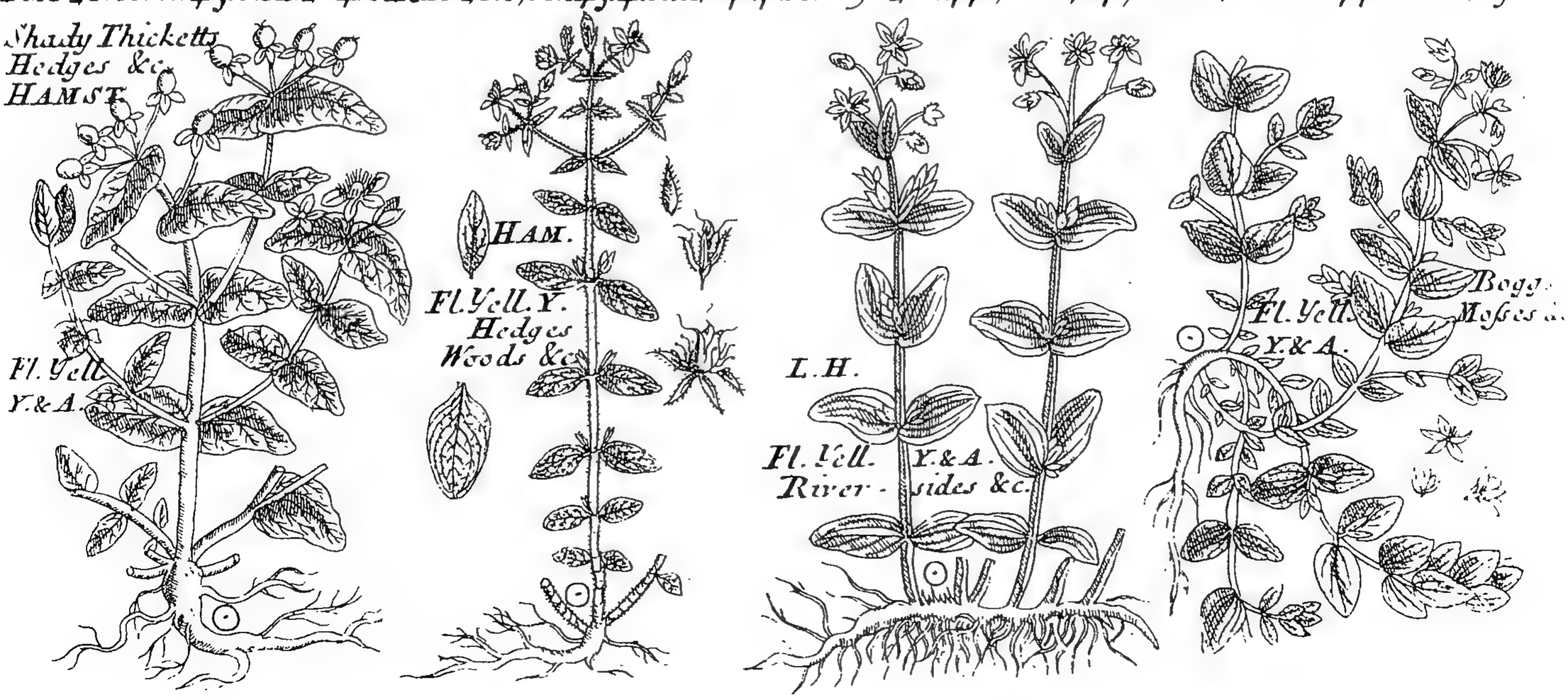
1. Comón DWARF *Cistus. 2 Kendal* DWARF *Cistus. 3 Brent* DWARF *Cistus. 4 Iersey* DWARF *Cistus.*
RAY 1043. 1. S. 142. 1. ed. 202. 1. R. 1015. 7. Syn. 142. 2. ed. 203. 2. RAY. Syn. 143. 3. ed. 203. 3. R. 1012. 2. S. 238. ed. 203.



5. Comón St. JOHNS-WORT. *6. Upright* St. JOHNS-WORT. *7 Tray-blade* St. JOHNs WORT. *8. Ground* St. JOHNS WORT.
R. 1018. 5. S. 143. 1. ed. 203 1. R. 1019. 11. S. 143. 2. ed. 203. 2. R. 1021. 19. S. 143. 5. ed. 204. 5. R. 1019. 10. S. 143. 3. ed. 205. 3.



9. TUTSAN or PARK leaves. 10 Tutsan St. JOHNS-WORT. *11* St. PETERS-WORT. *12. Hoary* St. PETERS-WORT.
R. 1020. 16. S. 143. 6. ed. 204. 6. R. 1020. 17. S. 143. 4. ed. 204. 4. R. 1019. 12. S. 144. 7. ed. 204. 7. R. 1020. 18. S. 144. 8. ed. 205. 8.



ENGLISH Plants with 5 leaved Flowers. — *TAB. 61.*

1. Garden PRIDE. *RAY. Hist. Plant. 1046. 6.*



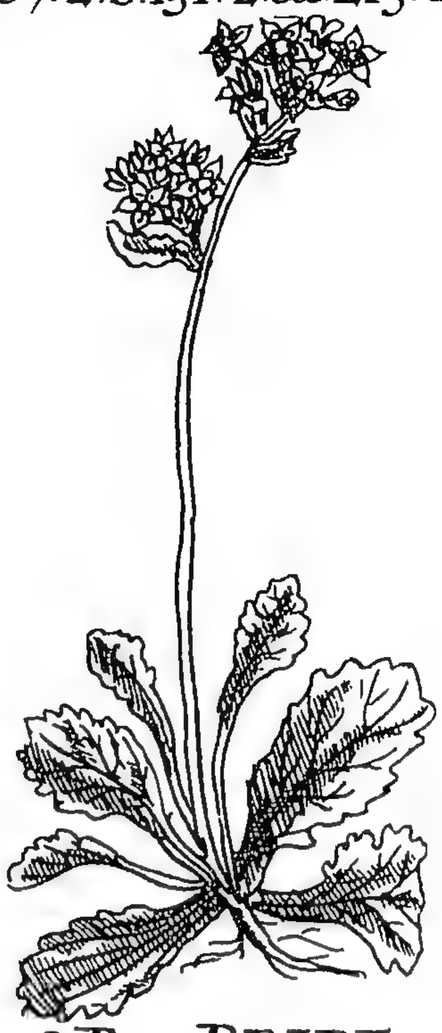
2. Round PRIDE. *RAY. Pl. 1047. 1.*



3. Irish PRIDE. *RAY 1045. 3.*



4. Welsh PRIDE. *R. 3. p. 507. 2. S. 151. 2. ed. 213. 2.*



5. Hairy PRIDE. *R. 1046. 8. S. 151. 1. ed. 213. 1.*

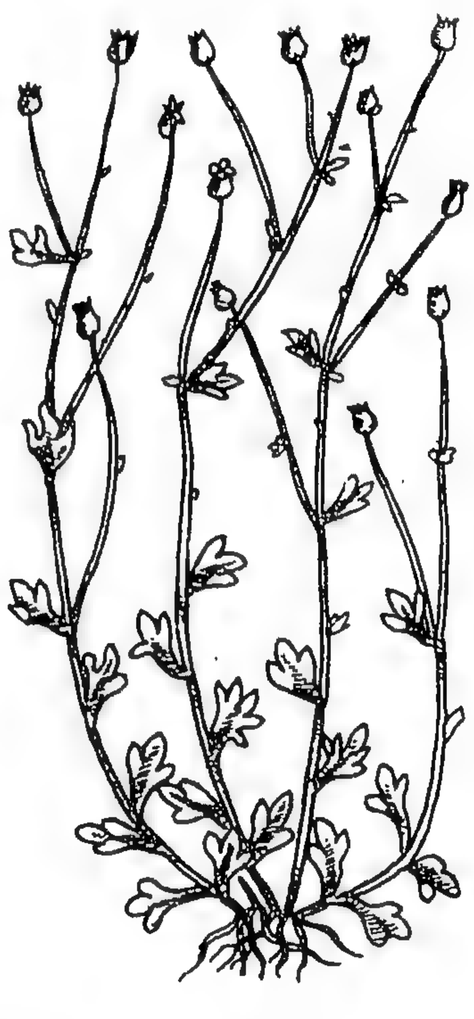


6. White PRIDE. *R. 1048. S. 151. 3. ed. 213. 3.*



7. Trifid PRIDE. *R. 1043. 21. S. 151. 6. ed. 213. 4.*

8. Rue PRIDE. *R. 1043. 25. S. 151. 7. ed. 213. 5.*



9. PURPLE Heath SENGREEN. *R. 1040. 6. S. 150. 2. ed. 212. 2.*

10. RAYS Yellow SENGREEN. *R. 1042. 20. S. 150. 5. ed. 212. 3.*

11. White HOUSLEEK. *R. 1040. 1. S. 150. 1. ed. 212. 1.*

12 Parnass Grass R. 1049. c. 4. S. 151. ed. 213.

ENGLISH Mulleins, Loose-strife's &c. TAB. 62.

1. Comon MULLEIN *2. Small* MULLEIN *3. Sage* MULLEIN *4. White* MULLEIN

RAY 1094. 1. S. 160. 1. ed. 225. 1. R. 1094. 3. S. 160. 2. ed. 225. 2. R. 1095. 7. S. 160. 4. ed. 225. 4. R. 1095. 5. S. 160. 3. ed. 225. 3.



5 Yellow MOTH-MULLEIN *6. Spiked* LOOSE-STRIFE *7. Short* LOOSE-STRIFE *8. Trefoil* LOOSE-STRIFE

RAY Hist. Plant. p. 1096. 1. R. 1036. 1. S. 149. ed. 211. *RAY Syn. 149. ed. 212.*



9. Yellow LOOSE-STRIFE *x. Yellow Globe* LOOSE- *xi. Comon* WINTER- *12. Pointed* WINTER- *13. Chickweed* W. . .

RAY. 1021. 1. S. 144. 1. ed. 205. 1. STRIFE. *R. 1022. 5. S. 144. 2. ed. 205. 2.* GREEN. *R 1233. 1. S. 176. 1. ed 243. 1.* GREEN *R 1233. 2. S. 176. 2. ed 243. 2.* *R. 1101. c. 19. S. 162. ed 227.*

ENGLISH Plants with 5 leaved FLOWERS. TAB. LXIII.

1. Red PIMPERNEL. 2. Blue PIMPERNEL. 3. Yellow PIMPERNEL. 4. Water PIMPERNEL.

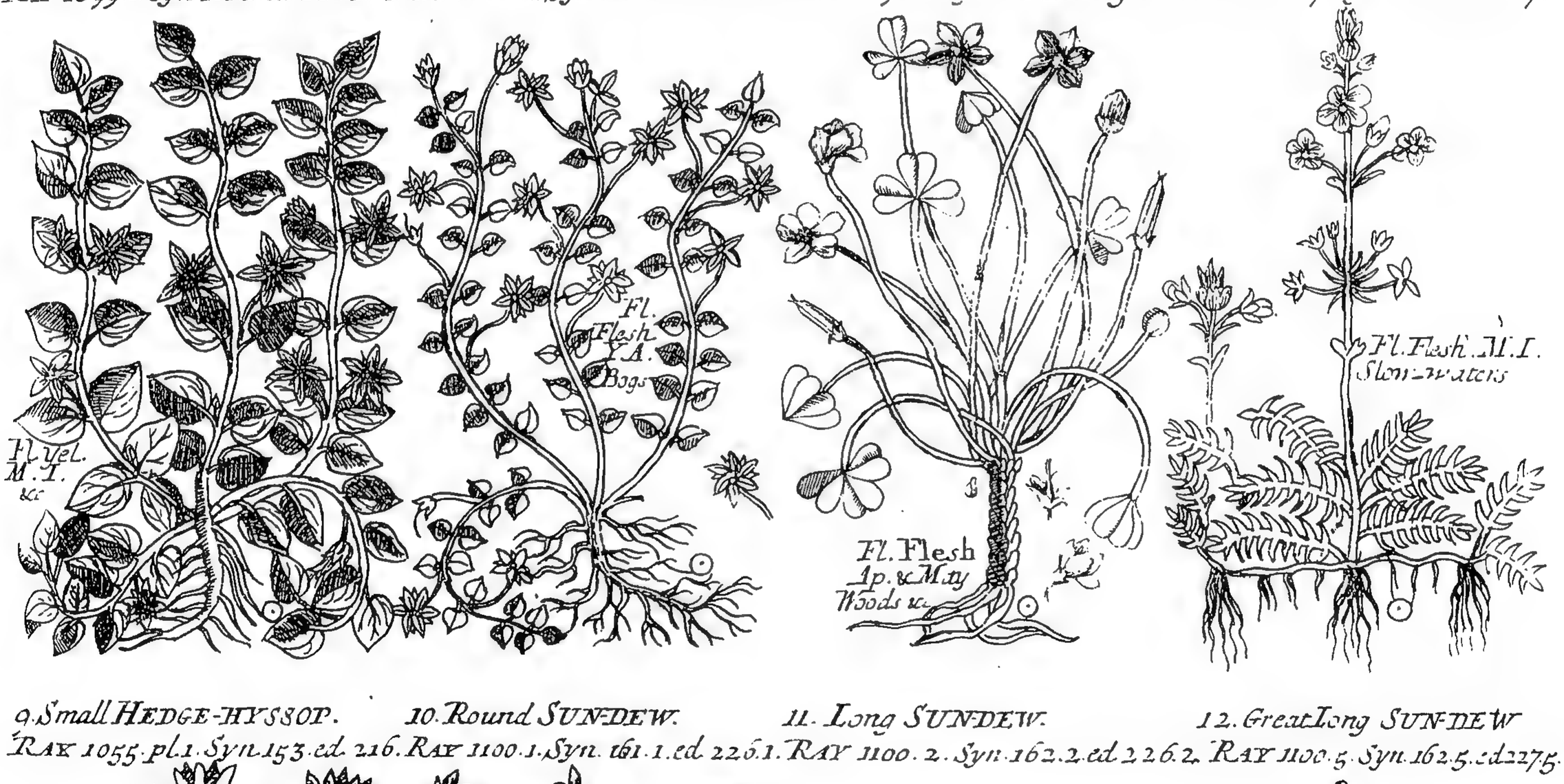
RAY 1023. 1. Syn. 144. 2. ed. 205. 1. RAY 1024. 2. Syn. 144. 2. ed. RAY 1024. 4. Syn. 144. 3. ed. RAY 1101. c. 18. Syn. 162. ed. 227.

205. 2. 206. 4.



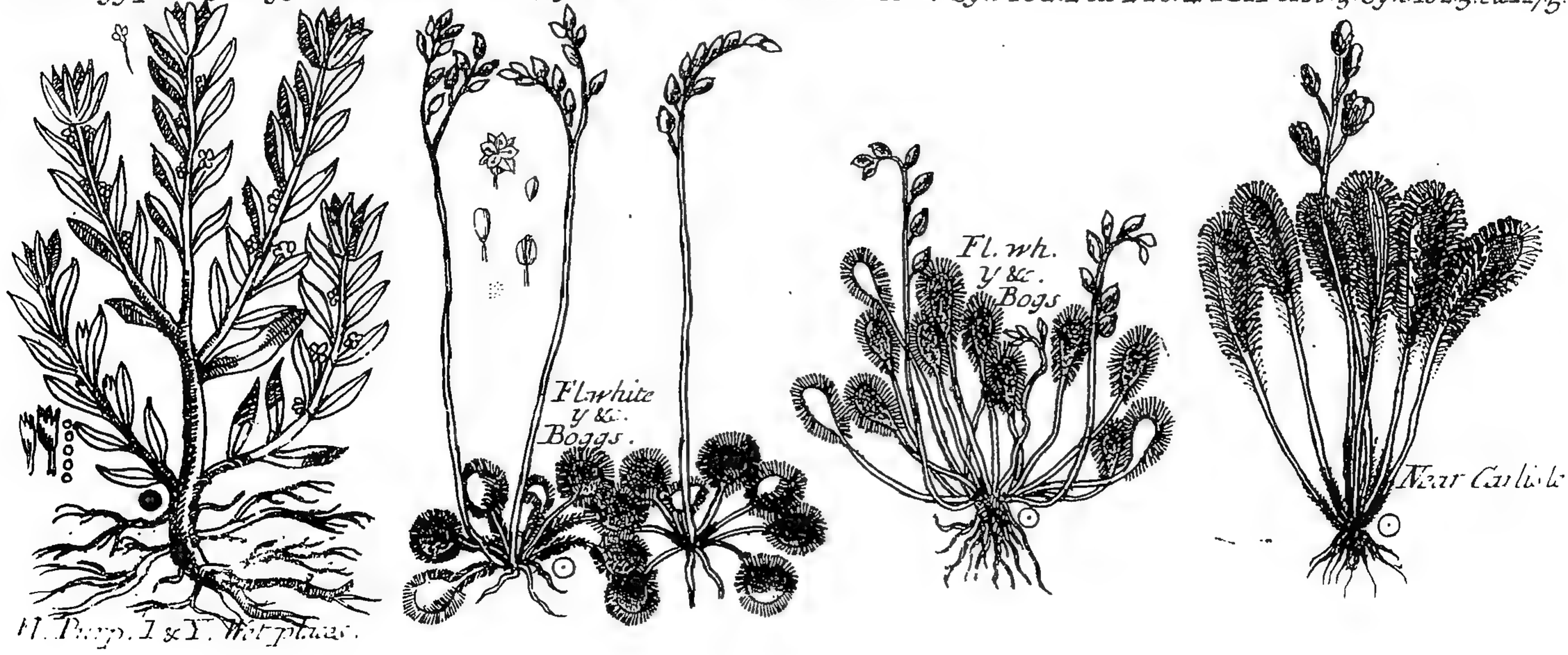
5. MONEY-WORT. 6. Purple MONEY-WORT. 7. WOOD-SORREL. 8. Water VIOLET.

RAY 1099. 1. Syn. 161. 1. ed. 226. 1. RAY 1100. 2. Syn. 161. 2. ed. 226. 2. RAY 1098. 1. Syn. 161. ed. 225. RAY 1101. c. 17. Syn. 162. ed. 227.



9. Small HEDGE-HYSSOP. 10. Round SUN-DEW. 11. Long SUN-DEW. 12. Great Long SUN-DEW

RAY 1055. pl. 1. Syn. 153. ed. 216. RAY 1100. 1. Syn. 161. 1. ed. 226. 1. RAY 1100. 2. Syn. 162. 2. ed. 226. 2. RAY 1100. 5. Syn. 162. 5. ed. 227. 5.



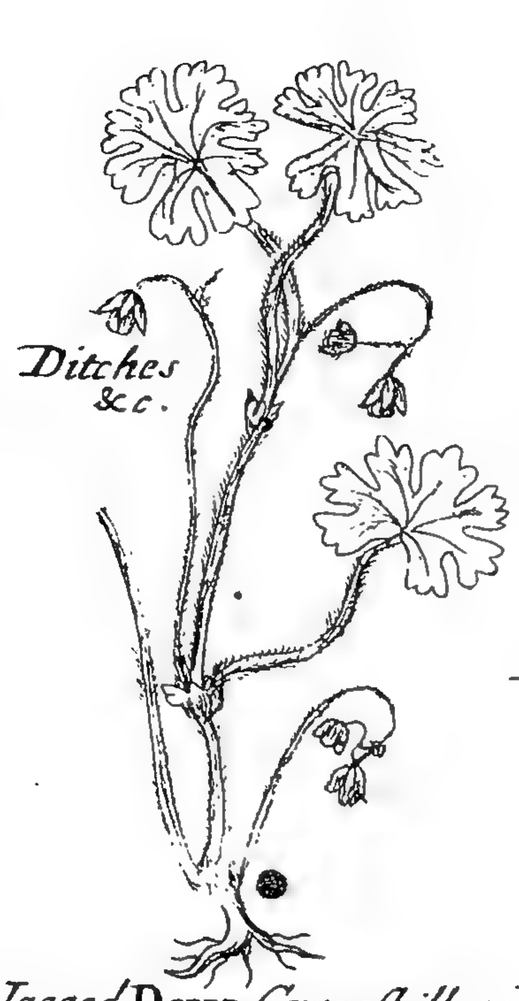
H. Pasp. I & Y. Wetplaces.

ENGLISH *Cranebills, with 5 leaved FLOWERS.* TAB

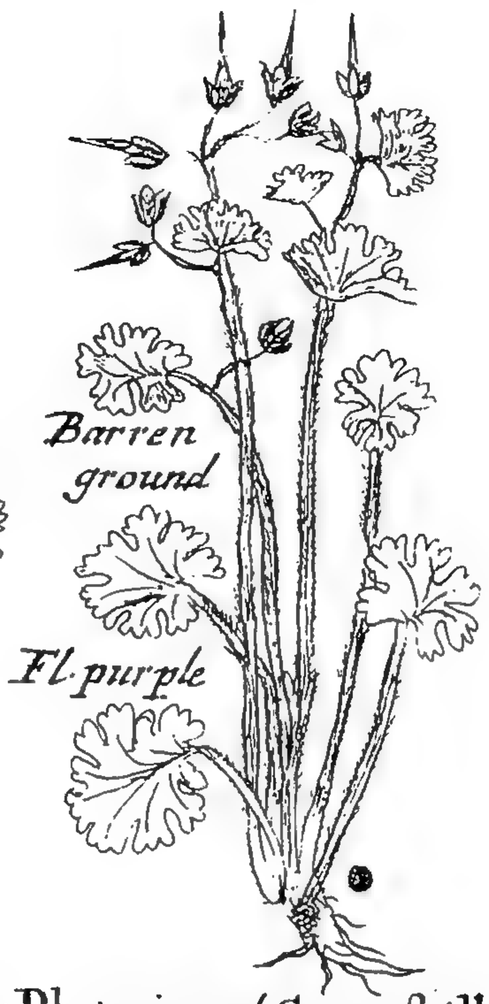
1 *Common* Dove *Craneſbill*
RAY 1059. 19. Syn. 155. 7.
ed 218. 2.



2. *White* Dove *Craneſbill*



3. *Leaſt* Dove *Craneſbill*



4. *Small flowred* Dove *Craneſbill*
RAY 1059. 18. Syn. 155. 6.
ed. 218. 1.



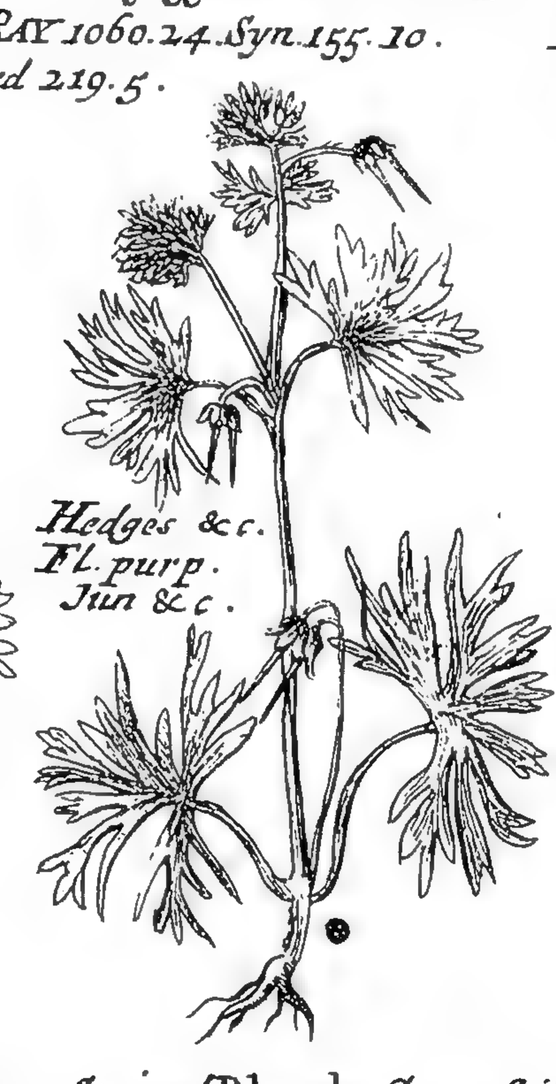
5. *Large flowred* Dove *Craneſbill*



6. *Jagged* Dove *Craneſbill*
RAY 1059. 21. Syn 155. 8.
ed 218. 3.



7. Plots *jagged* Craneſbill
RAY 1060. 24. Syn 155. 10.
ed 219. 5.



8. Bobarts *long cut* Craneſbill
RAY 1059. 23. Syn 155. 9.
ed 218. 4.



9. *Bloody* Craneſbill
RAY 1060. 32. Syn. 156 xi.
ed 219. 6.



10. *Jagged* Bloody *Craneſbill*
RAY Syn, ed. 219. 7.



11. *Striped* Bloody *Craneſbill*
RAY 1061. Syn. 156. 12. ed. 219. 8.

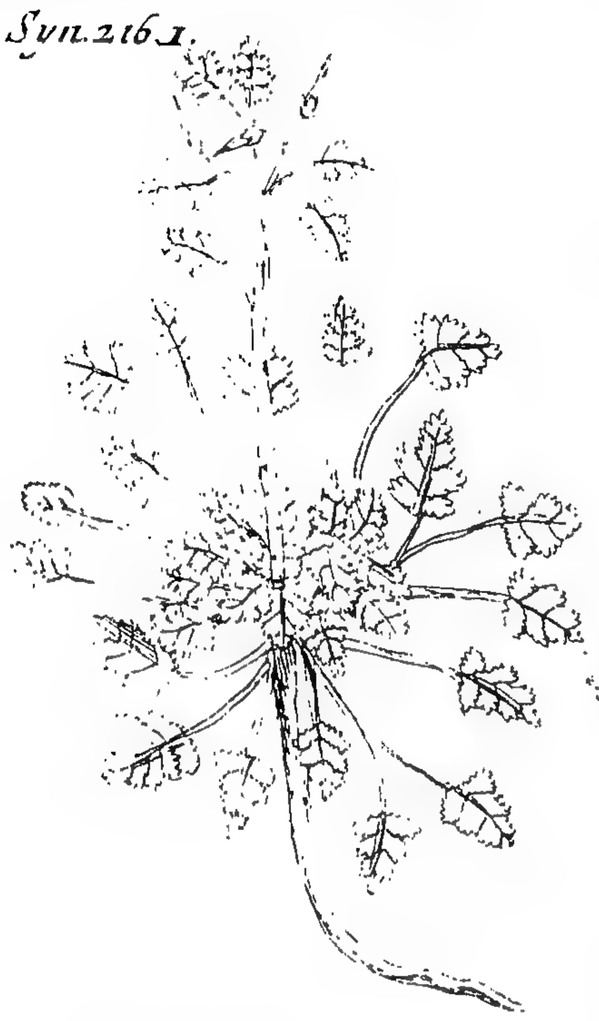


12. *Shining Craneſbill.*
RAY 1060. 25. Syn. 156. 15. ed. 220. xi.



ENGLISH Cranesbills with 5 leaved Flowers &c. *TAB. 65.*

1 Small Sea Cranesbill.
RAY 1056. 3. Syn. 154. 1. Syn. 216. 1.



2. Musk *Cranesbill*
RAY 1057.[10] Syn 154. 4. ed 217. 4.



3. *Small* Hemlock *Cranesbill*
RAY 1057. 8. Syn. 154. 2. ed 217. 2.



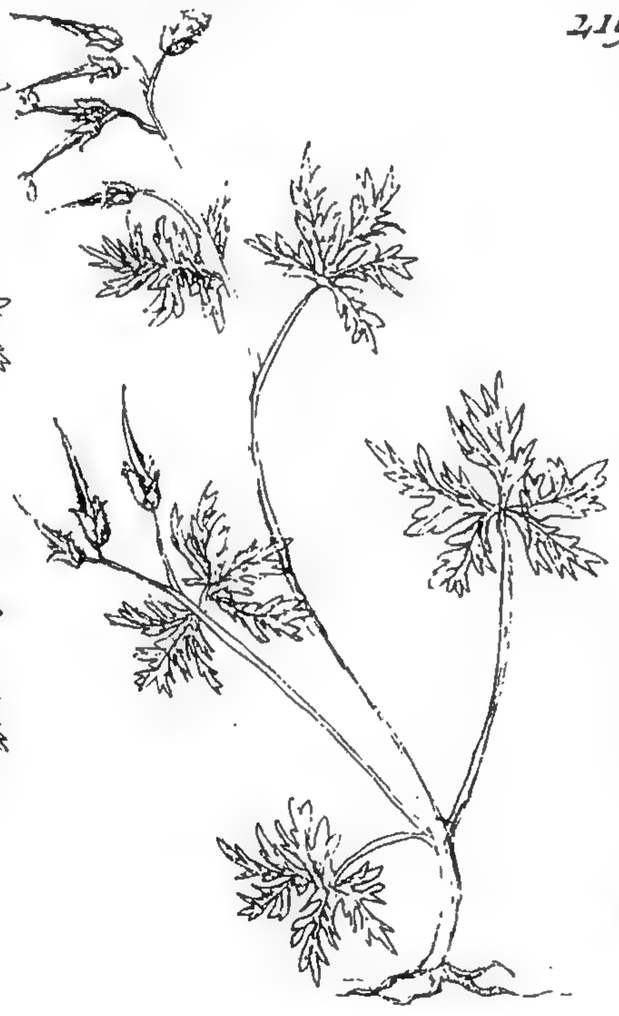
4. Knotty *Cranesbill*
RAY 1060. 29. Syn. ed. 220. 12.



5. *Herb* Robert
RAY 1058. 17. Syn. 155. 5. ed 218. 1.



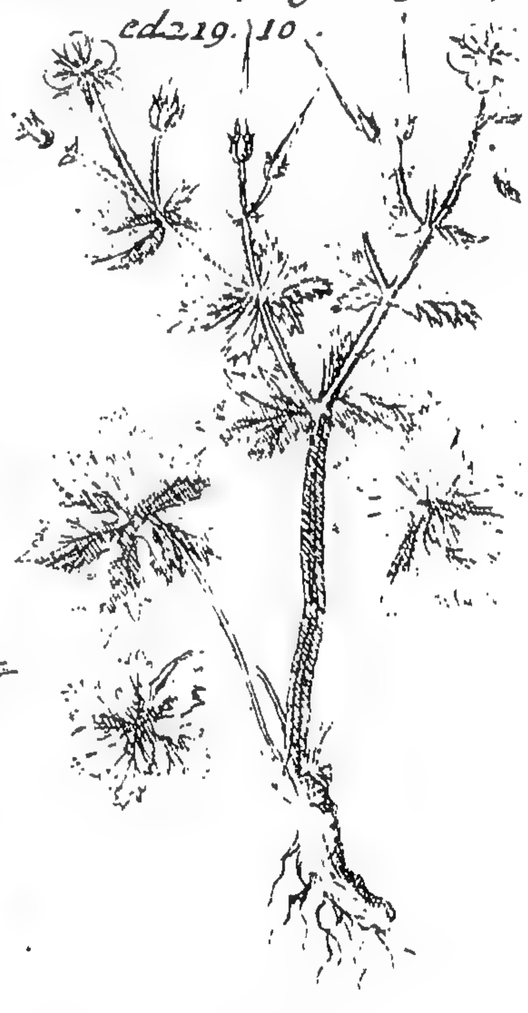
6 Shining *Herb* Robert
RAY Synops. ed. 218. 2.



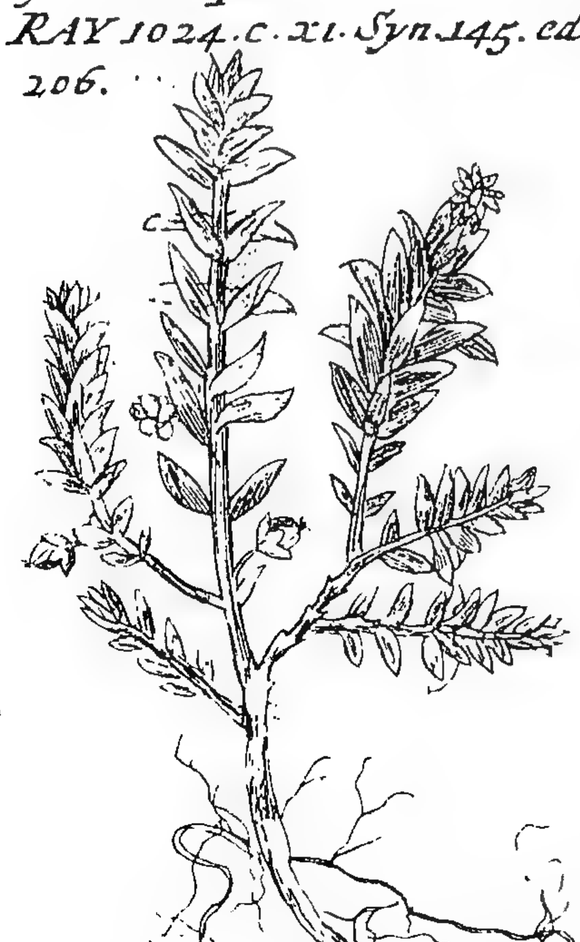
7. Crow *Cranesbill.*
RAY 1061. 33. Syn. 156. 13. ed. 219. 9.



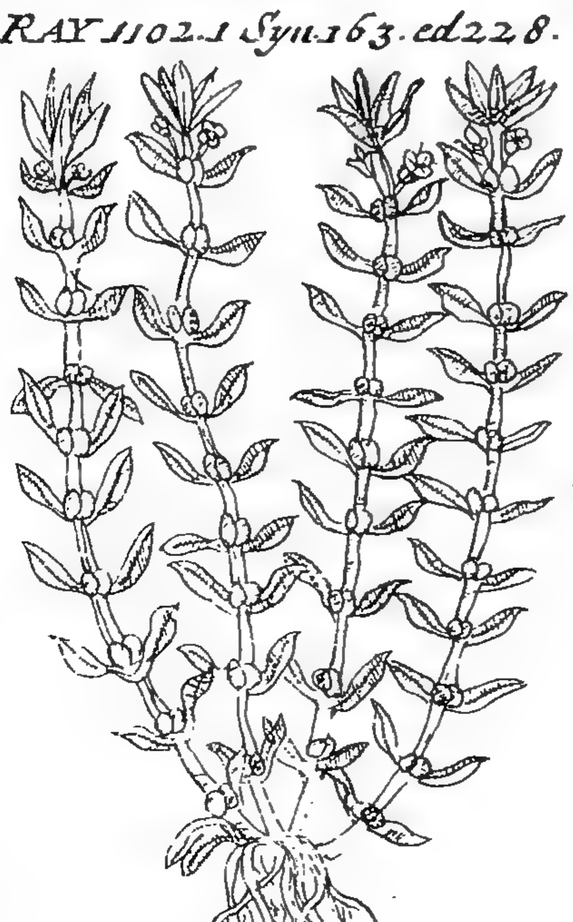
8. Mountain *Crow Cranesbill*
RAY 262. 34. Syn. 156. 14. ed 219. 10.



9 Sea *Pimpernel.*
RAY 1024. c. xi. Syn. 145. ed. 206.



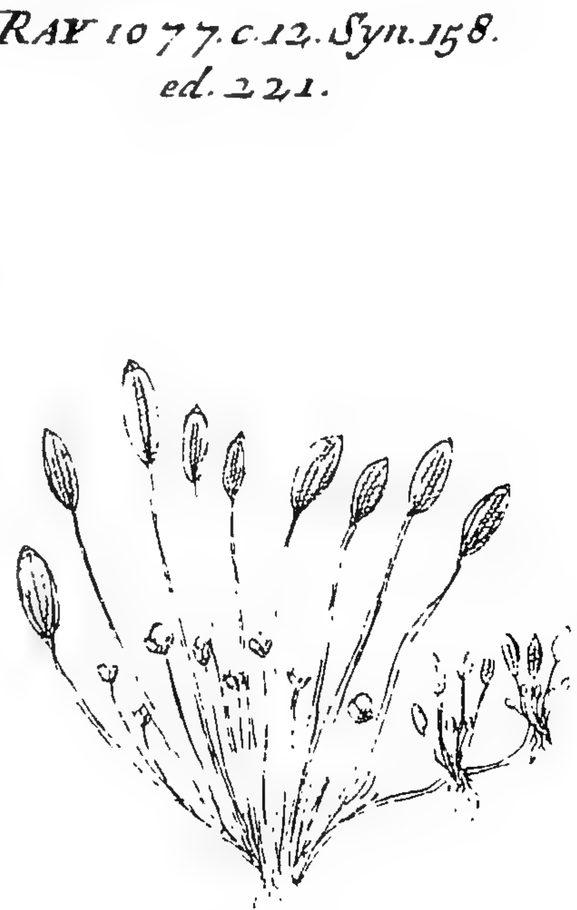
10 Sea *Milkwort*
RAY 1102. 1 Syn. 163. ed 228.



xi. Water *Purslain*
RAY 1035. 25. Syn. 1049. 9. ed. 210. 12.



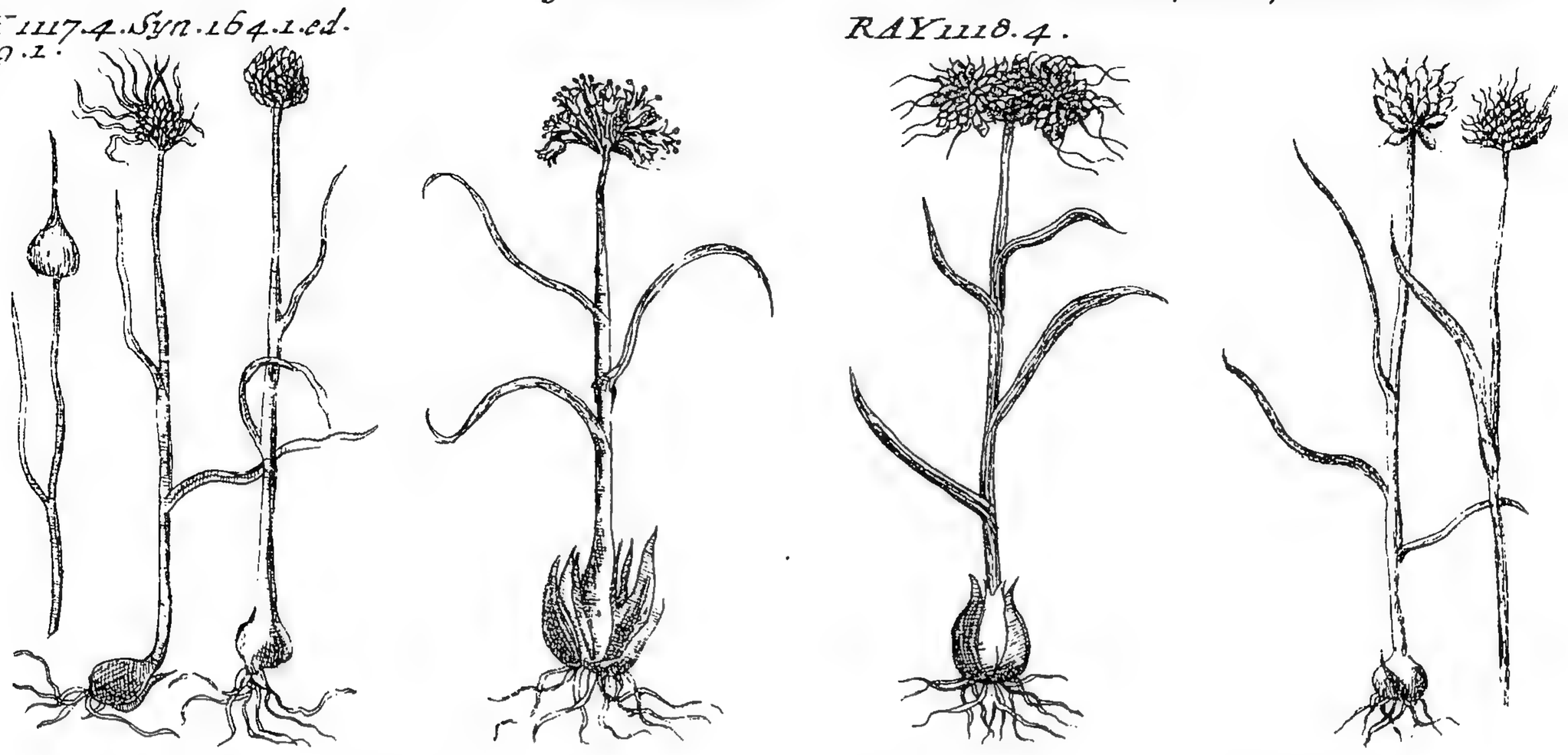
12 Plantain *Milkwort.*
RAY 1077. c. 12. Syn. 158. ed. 221.



ENGLISH Herbs with Bullous Roots. *TAB. 66.*

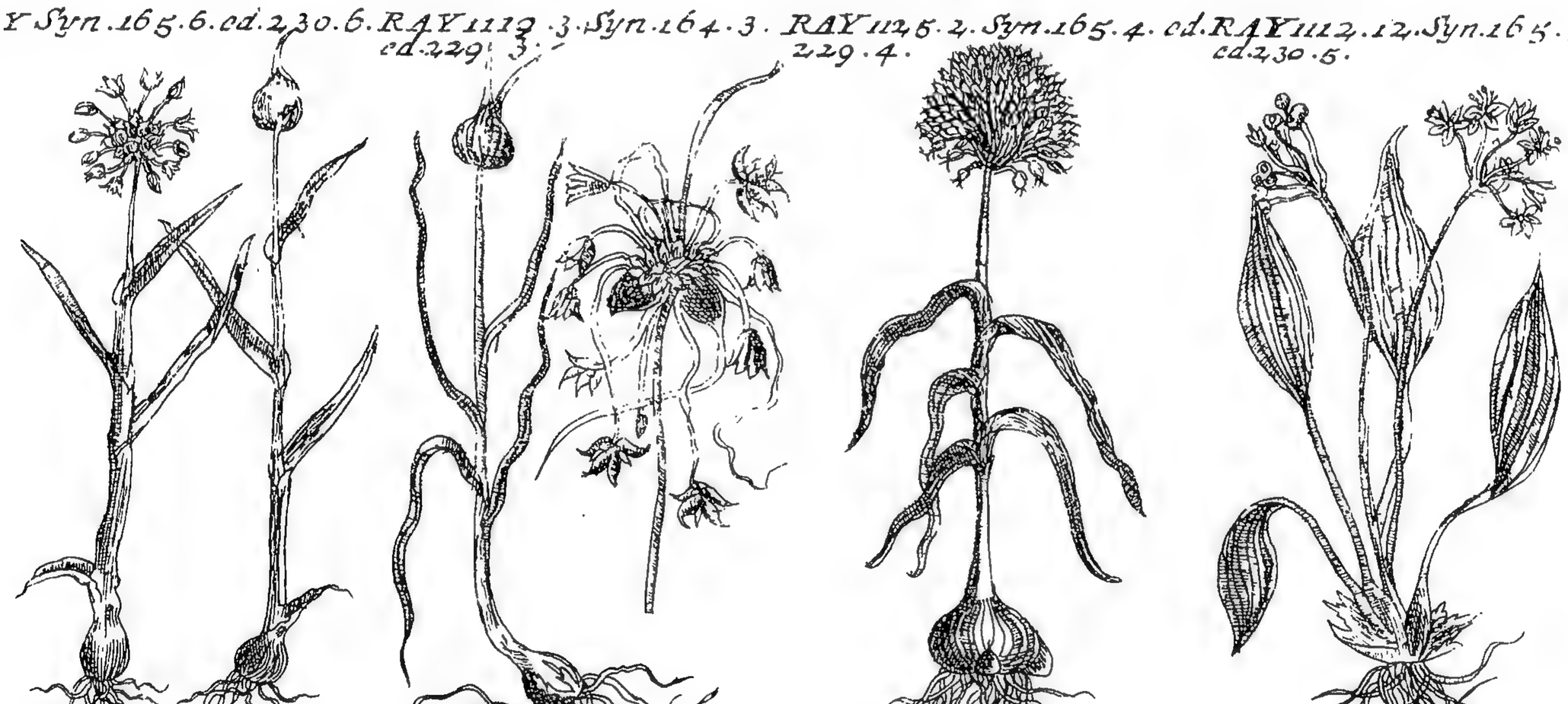
1. Crow GARLICK *2. Flowring Crow GARLICK. 3. Twinheaded GARLICK. 4. Raven GARLICK.*

RAY 1117. 4. Syn. 164. 1. ed. 229. 1. *RAY 1118. 4.*



5. Purple LEEKS. *6. Corn GARLICK.* *7. Holm GARLICK.* *8 RAMSONS.*

RAY Syn. 165. 6. ed. 230. 6. *RAY 1119. 3. Syn. 164. 3. ed. 229. 3.* *RAY 1126. 2. Syn. 165. 4. ed. 229. 4.* *RAY 1112. 12. Syn. 165. 5. ed. 230. 5.*



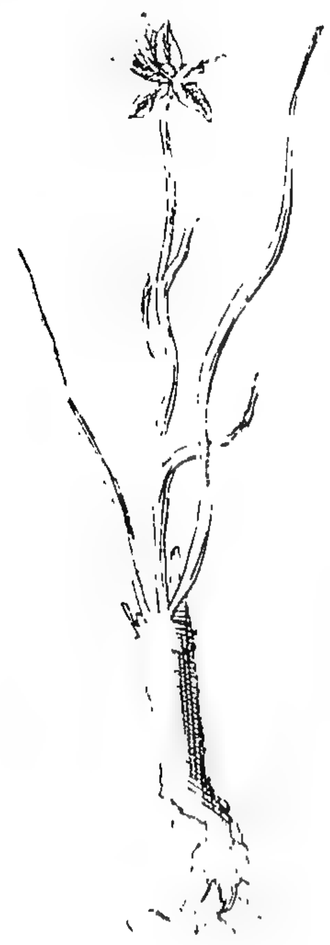
9 Lancashire ASPHODEL. 10. Green spiked Bethlem-Star. *11. Common* Bethlem Star. *12. Yellow* Bethlem Star.

RAY 1195. 2. Syn. 169. 1. ed. 234. 1. *RAY 116. 1. 1. Syn. 166. 1. ed. 231. 1.* *RAY 1153. 9. Syn. 166. 2. ed. 231. 2.* *RAY 1153. 13. Syn. 166. 3. ed. 231. 3.*



ENGLISH Herbs with Bullous Roots. — *TAB. 67.*

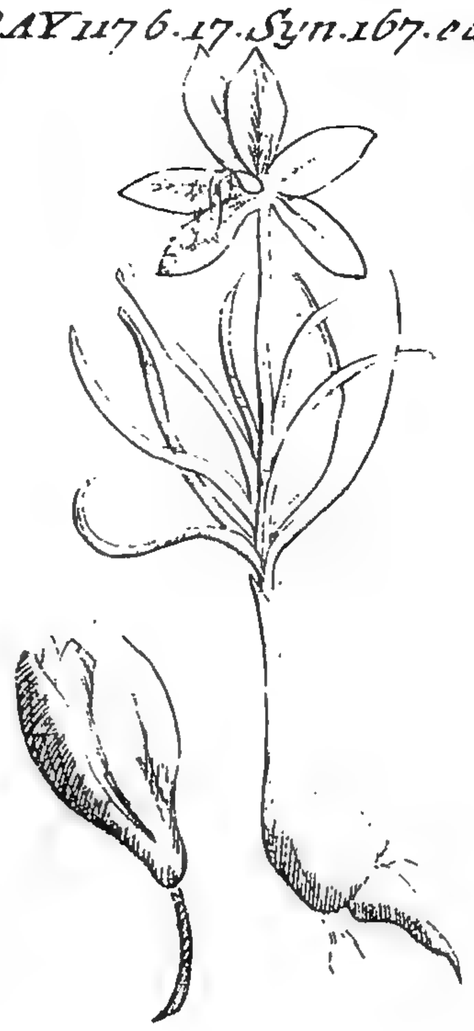
1. Lewyd's Snowdon BULB. *RAY Syn. 168. ed. 233.*



2. Meadow SAFFRON. *RAY 1170. 1. Syn. 167. ed. 232.*



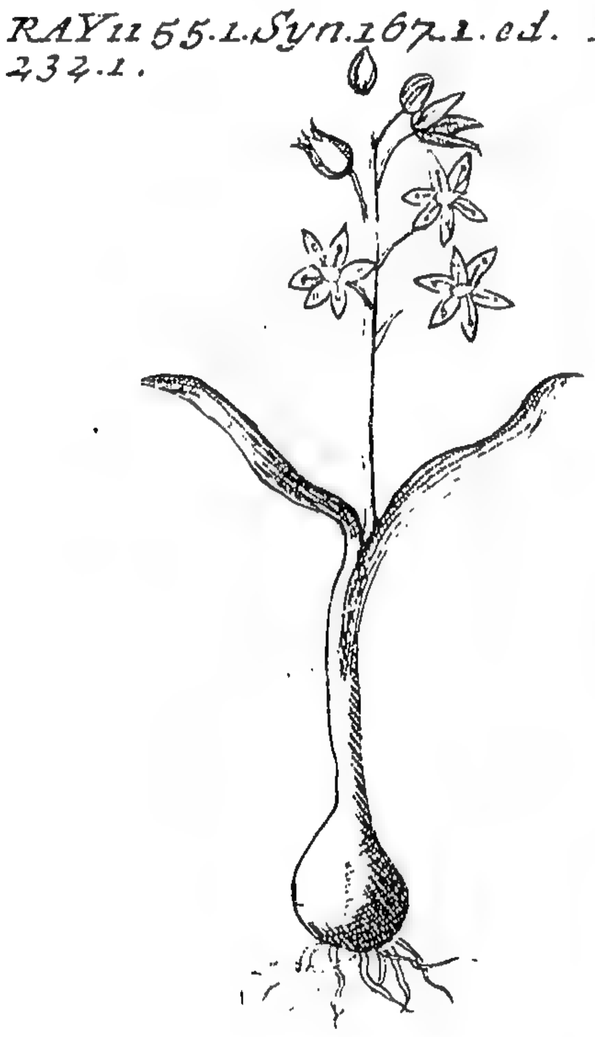
3. True SAFFRON. *RAY 1176. 17. Syn. 167. ed. 232.*



4. English HYACINTH. *RAY 1159. 20. Syn. 167. 2. ed. 232. 2.*



5. Star HYACINTH. *RAY 1155. 1. Syn. 167. 1. ed. 232. 1.*



6 Autumn Star HYACINTH. *RAY 1157. 13. Syn. 167. 3 ed. 232.*



7. Lake HYACINTH. *RAY 1325. c. 12. Syn. 208. ed. 281.*



8. Hornsey DAFFODIL



9. English DAFFODIL. *RAY. 1131. 5. Syn. 166. 1. ed 230. 1.*



10. Primrose DAFFODIL. *RAY 1135. 23. Syn 166. 2. ed. 231. 2.*



11. Yellow Flower de-luce. *RAY 1186. 24. Syn. 168. 1. ed. 234. 1.*



12. Sinking Gladdon. *RAY 1190. 7. Syn. 168. 2. ed. 234. 3.*



ENGLISH Orchis's *with* double *or* single *Roots. T. I. B. del.*

1. *Goat-Stones.*
RAY 1212.1. Syn. 169.1. ed. 235.1.



2. Spotted *Male* Fool-stones.
RAY 1214.7. Syn. 169.2 ed. 236.3.



3. *Female* Fool-stones.
RAY 1214.8. Syn. 170.3. ed. 236.4.



4. *Oval* June *Orchis*
RAY 1215.14 Syn. 170.5. ed 236.5.



5. *Little* Purple *Orchis.*
RAY 1215.12. Syn 170.4. ed 236.4.



6. *Small* Yellow *Musk Orchis.*
RAY 1217.22. Syn 170.6. ed. 237.6.



7. *Triple* Ladies-traces.
RAY 1217.26. Syn 171.7. ed. 237.7.



8. *Rusty* Man-Orchis.
RAY 1217.27. Syn. 171. . ed. 237.9.



9. *Gray* Orchis.
RAY 218. 29 Syn. 1718. ed. 237.8.



10. *Common* Fly-Orchis.
RAY 1219.32. Syn. 171.10. ed. 237.10.



11. Butterfly-Orchis.
RAY 1221.40. Syn. 172.13. ed. 238.13.



12. *Lesser* Butterfly-Orchis
RAY 1221 Syn. edit. 238.1.



ENGLISH Orchis'es *with* double, *or* handed *Roots.* & Rapes. *TAB.* [illegible]

1 *Great* Fly-Orchis.
RAY 1220. 33 *Syn: ed.* 238. 1.



2 Humble Bee *Orchis.*
RAY 1220. 38 *Syn.* 172. 11. *ed.* 238. 11.



3 *Green-wing'd* Humble-Bee.
RAY 1221. 39. *Syn.* 172. 12. *ed.* 238. 12



4 Sweet *White* Orchis



5 *Male* Hand-Orchis
RAY 1223. 1. *Syn.* 172. 14. *ed.* 239. 15.



6 *Spotted* Hand-Orchis.
RAY 1223. 2 *Syn.* 172. 15. *ed.* 239. 10.



7 *Red spurd* Hand-Orchis.
RAY 1224. 6. *Syn.* 173. 16. *ed* 239. 17.



8 *Frog* Hand-Orchis
RAY 224. 7. *Syn.* 173 17. *ed* 239. 18.



9 Zeeland *Dwarf* Orchis.
RAY 1226. 3 *Syn.* 173. *ed.* 240.



10 Broom-Rape.
RAY 1227. 1. *Syn.* 173. 1. *ed.* 240. 1



11 *Branched* Rape.
RAY 1227. 5



12 *Flotts* Rape.
RAY 1229. 2. *Syn.* 174. 2. *ed* 240. 2



ENGLISH Orchis-like Plants, with scaly or threddy Roots. TAB. 70.

1 *Great* Toothwort. RAY 1229. 1. Syn 174. ed. 241.

Fl *Blush* Apr. May Shady *place* & roots of Trees

2 *Brown* Birdsnest. RAY 1228. 1. Syn. 174. ed. 240.

High woods dark

3 *Purple* Birdsnest. RAY 1229. 3. Syn 174. 3. ed. 240. 3.

Fl. *Purp*

4 Ladies Slipper. RAY. 1232. 12. Syn 175. 6. ed. 242. 7.

Fl. *yellowish*

Woods un.r North

5 *Blackish* Helleborine. RAY. 1231. 6. Syn. 175. 2. ed. 241. 1.

Fl *dark red.*

On divers Northern mountains

6 *Greenish* Helleborine. RAY 1230. 1. Syn. 174. 1. ed. 241. 1

Fl *Greenish Jun &c.*

Low woods Shady Grov's

7 *White* Helleborine. RAY 1231. 6. Syn. 175. 3. ed. 242. 3.

Fl *Whitish. May & June*

Hilly Woods

8 *Marsh* Helleborine. RAY. 1231. 10 Syn. 175. 5. ed. 242. 0.

Fl *mixt Iuly. &c.*

Bogs &c.

9 *Long, rooted* Helleborine. RIY Syn 175. 4. ed. 242. 5.

Fl *dark red.*

Woods & Bogs un.r North &c.

10 *Common* Tway-blade. RAY 1232. 1. Syn 175. 1. ed. 242. 1.

Fl Greenish Iune &c. Wet Meads, moyt Woods pritty common

11 *Least* Twa-blade. RAY 1232. 2. Syn. 176. 2. ed. 243. 2.

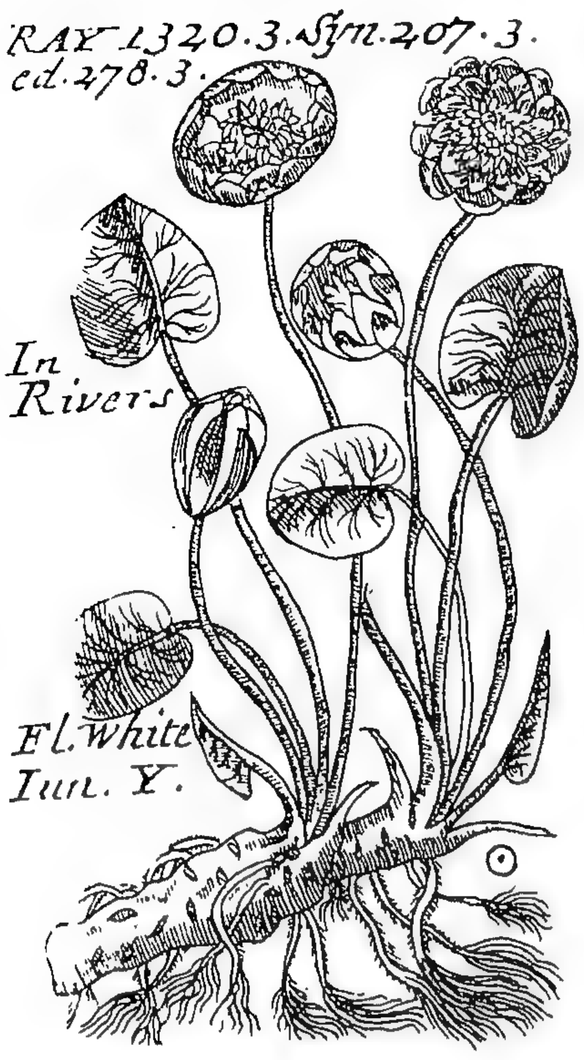
Fl *Greenish Iun Iuly &c. In divers Moory Heaths in the North*

12 *Marsh* Tway-blade. RAY 1232. 4. Syn. 176. 1. ed. 243

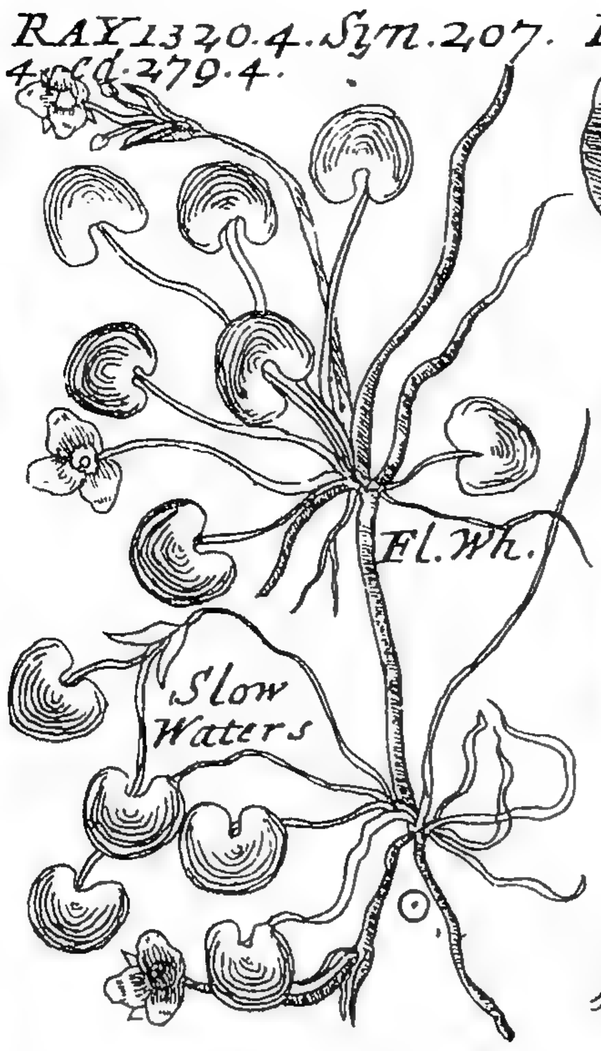
Fl *Greenish*

In Bogs & Fenny grounds

1. White Water-Lily
RAY 1320. 3. Syn. 207. 3. ed. 278. 3.



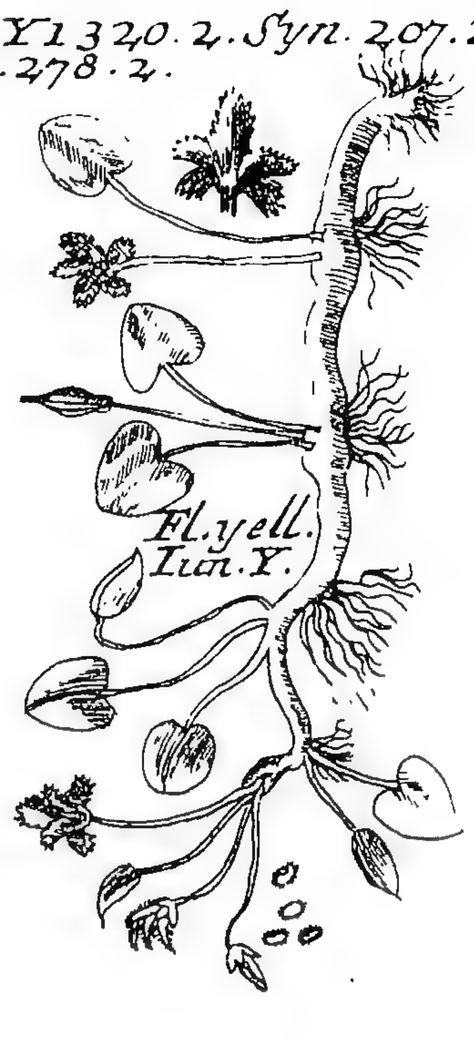
2. Frogbit.
RAY 1320. 4. Syn. 207. 4. ed. 279. 4.



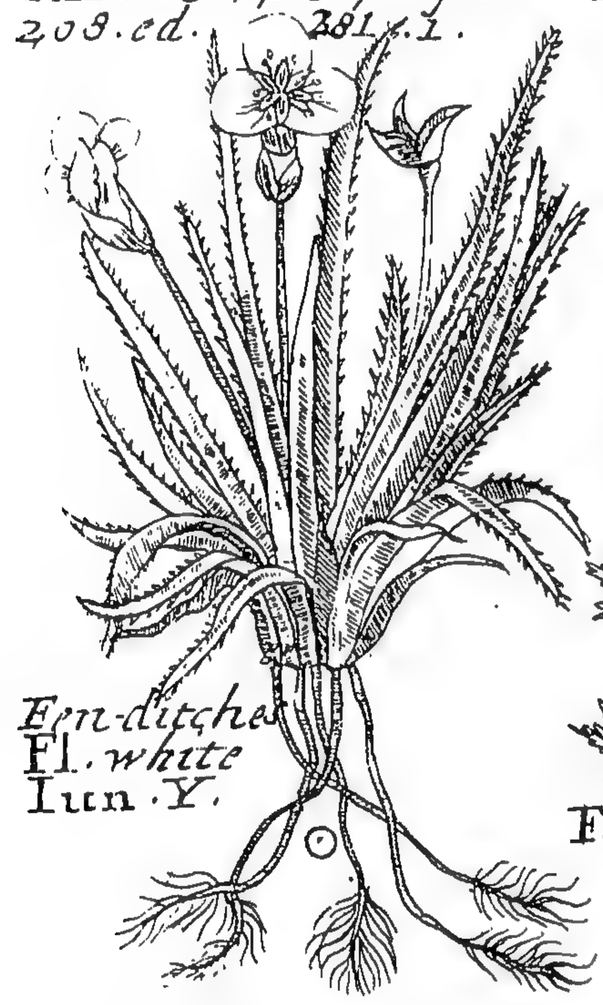
3. yellow Water-Lily.
RAY 1319. 1. Syn. 207. 1. ed. 278. 1.



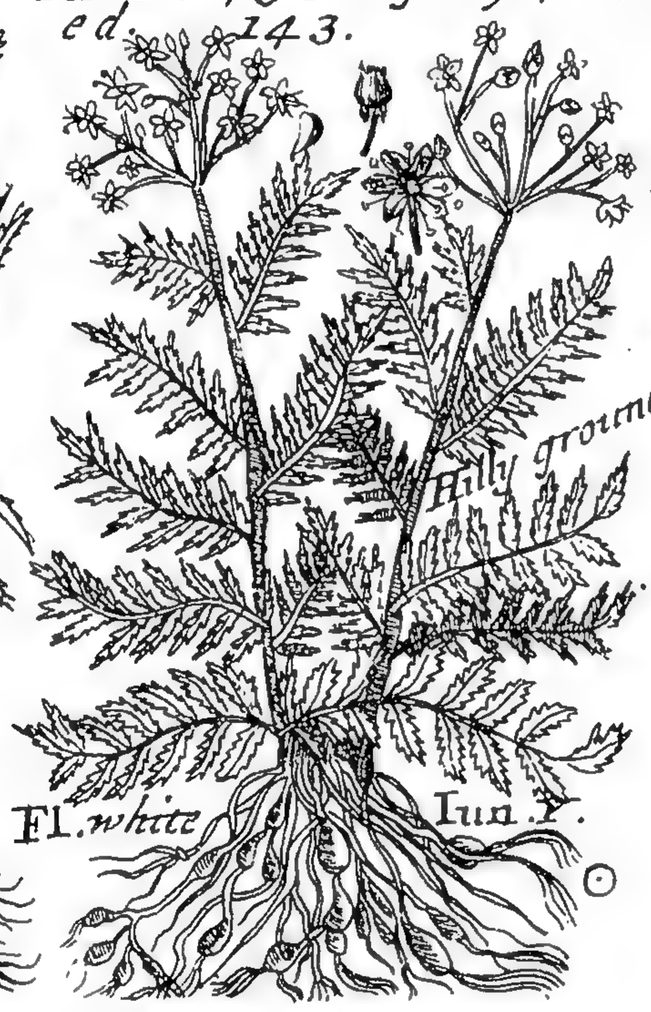
4. Curl'd yellow Water-Lily
RAY 1320. 2. Syn. 207. 2. ed. 278. 2.



5. Water Aloe.
RAY 1324. c. 7. Syn. 208. ed. 381. 1.



6. Common Dropwort.
RAY 623. 1. Syn. 92. ed. 143.



7. Small Dropwort.
RAY 623. 2.



8 Meadow-sweet.
RAY 624. c. 3. Syn. 93. 1. ed. 144. 1.



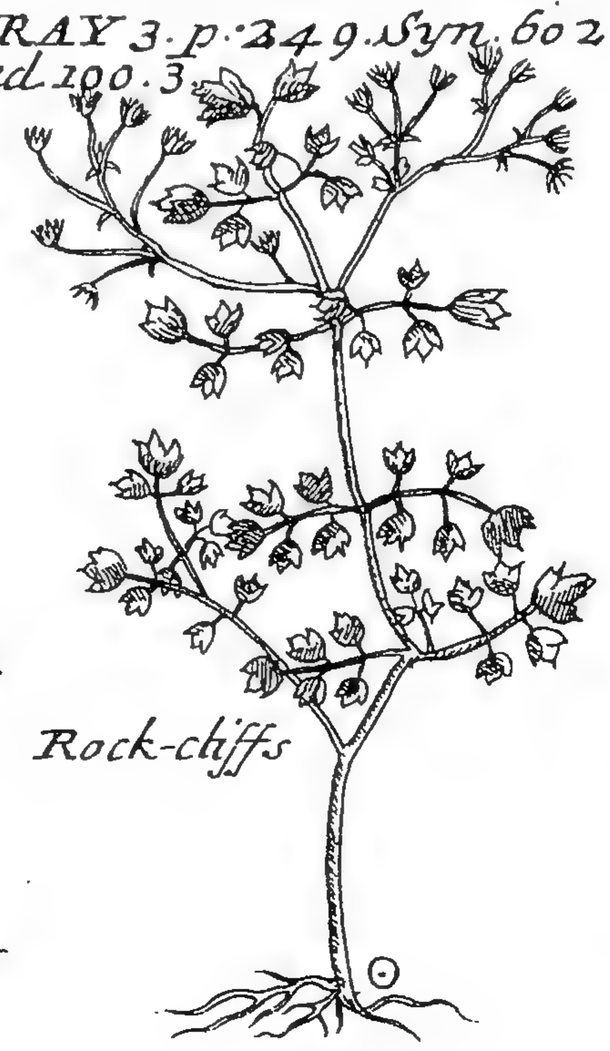
9. Meddow Rue.
RAY 403. 4. Syn. 62. 1. ed. 100. 1.



10. Small Meadow Rue.
RAY 404. 5. Syn 62. 2. ed. 100. 2.



11. Small Welch meadow Rue.
RAY 3. p. 249. Syn. 602. 3. ed. 100. 3.



12. Small red flowred meadow Rue.
RAY. 3. p. 249. Syn 62. 4. ed 100. 4.



ENGLISH Miscellany Plants. *TAB.* 72.

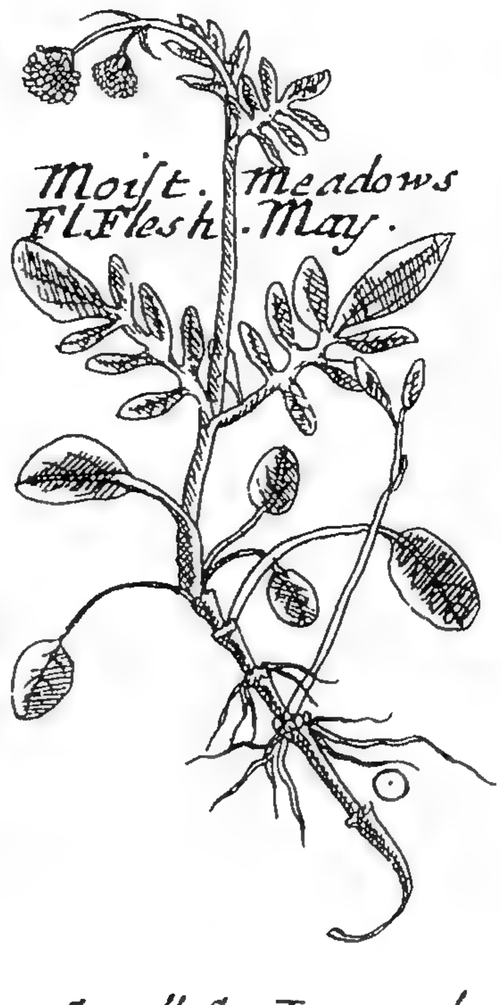
1. *Water* Valerian. *RAY* 388. 2. *Syn.* 60. *ed.* 98.



2. *Marsh* Valerian. *RAY* 388. 3. *Syn.* 61. 2. *ed.* 98. 2.



3. Small floured *Marsh* Valerian. 4. *Corn-Sallet.* *RAY* 389. 4. *Syn.* 61. 3. *ed.* 98. 3. *RAY* 392. 1. *Syn.* 61. 1. *ed.* 98. 1.





5. Jagged Corn-Sallet. *RAY* 392. 2. *Syn.* 61. 2. *ed.* 98. 2.



6. Sea Lavender. *RAY* 395. 1. *Syn.* 61. *ed.* 99.



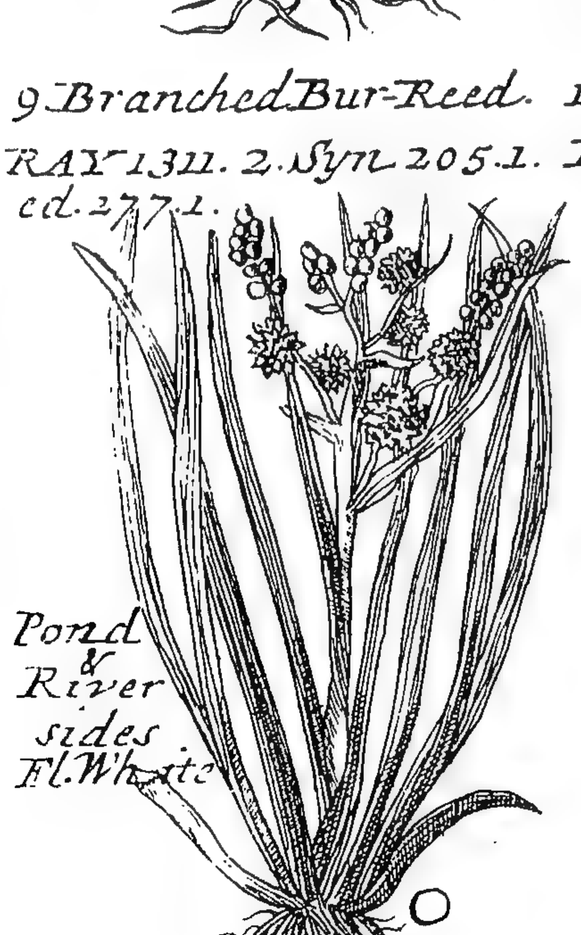
7. Small Sea Lavender. *RAY* 395. *Syn.* 61. *ed.* 99.



8. Common Thrift. *RAY* 1037. 1. *Syn.* 149. *ed.* 212.



9 Branched Bur-Reed. *RAY* 1311. 2. *Syn.* 205. 1. *ed.* 277. 1.



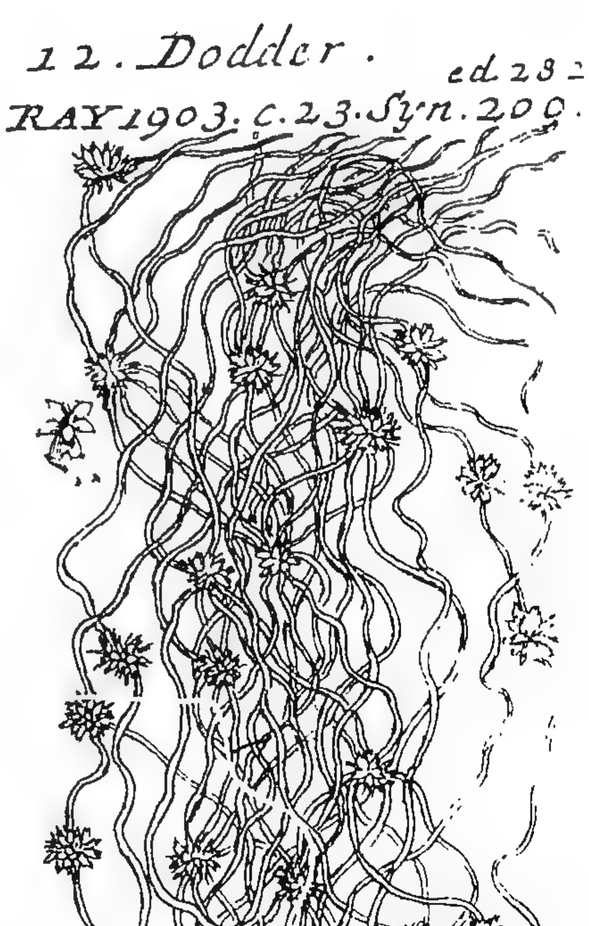
10. Unbranched Bur-Reed. *RAY* 1311. 2. *Syn.* 205. 2. *ed.* 277. 2.



11. Least Bur-Reed. *RAY* 1312. 3. *Syn.* 205. 3. *ed.* 277. 3.



12. Dodder. *ed.* 2 *RAY* 1903. c. 23. *Syn.* 209.



Hortus PERUVIANUS *Medicinalis*:

OR,

The *SOUTH-SEA* Herbal.

Containing the *Names*, *Figures*, *Uſe*, &c. of divers *Medicinal Plants*, lately *diſcovered* by *Pere L. Feuillèe*, one of the *King* of *France*'s Herbaliſts.

To which are ADDED,

The Figures, *&c. of divers* American *Gum-Trees*, Dying *Woods*, Drugs, *as the* Jeſuits Bark-Tree *and others, much deſired and very neceſſary to be known by all ſuch as now* Traffick *to the* South-Seas, *or reſide in thoſe Parts.*

TAB. I. *Medicinal* PERU Plants.

FIG. 1. *Peru* Chilca *or* Long *Fleabane.*
Conyza frut. fol. anguſt. nervoſis L. *Feuillée* p. 750.
Conyza Afric. humilis, *fol.* anguſtioribus nervoſis, *Floribus* umbellatis *Inſt. Rei Herb.* 455.

It has a pleaſant Smell, the *Indians* make a *Tea* of it, to ſtrengthen their Stomach.

2. Manga Paki *or* Round *Peru* Fleabane
Conyza fol. ſubrotundo utrinque acuto F. p. 749.

This is a ſweetning Herb, Aſtringent and Vulnerary, the *Natives* drink a *Tea* of it in *Cholick* Pains, *Diſſenteries*, and other Fluxes. *Grows* 4 Feet high with blewiſh *Flowers*, in the Valleys about *Lima* the Capital City of *Peru*.

3. Paica Jullo. Bidens *Mercurialis* folio, fl. radiato F. 744.
Its *Flower-rim* white. *Grows* about *Lima* and *Callao*.

4. *Cuicz-bane*. *Bidens* fol. trinervi lanceato, *fl.* ſingulari & radiato F. 766.

The *Flower-rim* compoſed of 6 yellow *Petals*. Grows in the ſtoney Valleys of *Lima*. It's a purging Plant, but rarely uſed by reaſon of its Violence, they alſo think it a *Poiſon*, becauſe it kills a Houſe Animal call'd *Cuicz* in *Peru* and *Chili*.

5. White, *Mugwort* Bident. Bidens *Arthemiſiæ* folio, *fl.* albo radiato F. 745.
Found in the Plains about *Lima*.

6. Heart-leaved *Maracoc*.
Granadilla pomifera, *Tiliæ* folio F. 720.

Its Rays crimſon with a white Circle in the middle. *Grows* in the Vallies about *Lima* in divers Places, it's alſo nuſed in their Gardens.

7. Trifid, ſpotted *Maracoc*.
Granadilla fol. *tricuſpidi*, obtuſo & oculato F. 718.

Obſerved in a *Garden* at *Miſlambo*, in the *Suburbs* North of *Lima*.

8. Caigua *or* ſtriped *Melon*.
Momordica fructu ſtriato lævi.

The *Natives* eat its *Fruit* in their Broths which much refreſhes and cools them, the Heats there being very exceſſive. A. and B. are 2 ſmall *Beetles* which feed on the *Leaves* of this Plant.

9. *Lima* Pumkin.
Melongena Lanifolia, *fl.* turbinato variegato F. 735.

Its *Flower* white with a purple Star, the *Fruit* much eaten at *Lima* but apt to cauſe *Fevers*, which are there difficult to cure. C. its *Fl.* Slit.

10. Purple *Bladder Nightſhade*
Alkakengi amplo *flore* violaceo F. 724.

They boil 3 or 4 of theſe *Berries* in White-wine or Water, and drink it with wonderful Succeſs in Stoppage of *Urine* or *Gravel*.

11. *Ancoucha* or yellow *Melon*.
Momordica calyce limpidi, obtuſo *Carpini* folio, pedicullis florum pralongis F. 754.

Its *Flower* yellow with a purple fringed bottom and cordated *Petals*. A Tea of this is wonderful in Ails of the *Stomach*, the *Indians* pick and make a Poultiſs of it, which they apply to ripen *Swellings* and uſe it as an *Univerſal* Remedy. *Grows* in moiſt Ground and by *River-ſides* North of *Lima*.

12. Lima *Tea*.
Capraria Peruviana *Agerati* foliis, abſque pediculis F. 764.

Pere Feuillée ſays, the *Natives* of this Herb (which are the ſame with the *China Tea*) was not known in *Peru* till 1709.

N. B. This ſeems to be the ſame or little different from Dr. *Sloan*'s Weſt-India *Tea*, which he has deſcribed in his *Nat.* Hiſt. of *Jamaica* p. 209. pl. 25. who ſays it's call'd in Curaſſow *Cabritta* and *Capraria* becauſe the *Goats* there feed on it, which laſt Name our *Author* here calls it by. *J. Petiver.*

TAB. II. Medicinal *Peru* and *Chili* Plants.

Fig. 1. Lima *Tobacco*.
Nicotiana minor, fol. cordi formi, tubo *Floris* pralongo F. 717. Its Flower of a greeniſh yellow. *Grows* in *Valleys*.

2. Ray-leaved *Bignon*.
Bignonia fl. luteo, *foliis* radiatis, & elegantiſſimè diſſectis F. 731. *Found* in a very dry Place at the Foot of high *Mountains* near *Arica*.

3. Broad *Clove-ſtrife*.
Onagra Laurifolia *fl.* amplo pentapetalo. F. 716.

* Small *Female* Clove-ſtrife.
Onagra minor, *fl.* luteo pentapetalo.

The *Flower* yellow and L. like the laſt, but both ſmaller. The *Indians* highly eſteem theſe 2 Shrubs, making a Poultis of the L. pickt, which ſweetens, mollifies and diſſolves, and therefore to diſſipate inveterate *Tumors* and *Buboes* which are very common in thoſe Parts. Theſe *grow* by *River* ſides.

4. Log rooted *yellow* Wood-ſorrel.
Oxys luteo flore, *rad.* craſſiſſima F. 734.

Grows on the *Mountains* of *Peru*, &c.

5. Spotted *Mountain* Pelegrina.
Hemerocallis fl. purpuraſcentibus maculatis F. 711.

The Beauty of this *Flower* is, in having 3 of its *Petals* ſpotted, the reſt plain, and therefore the *Spaniards* call'd it *Pelegrina* or *Curious*.

6. Ylo *Hounds-tongue*.
Cynogloſſum fol. nervoſis acutiſſimis F. 765.

Grows in the *Valley* of *Ilo* near *Arica* about a Foot and a half *high*, with *blewiſh* Flowers.

7. Malla *or* Peru *Creſs-Violet*.
Cardamindum quinquifido folio F. 756.

This elegant Plant the *Spaniards* call *Paxarito* becauſe its *Flower* is compoſed of 2 particular large yellow L. extended like the Wings of a *Bird*. Grows about *Lima*.

8. Lima *Flower fence* or *Tara*.
Poinciana ſpinoſa *Feuillée*. 572.

The *Dyers* uſe the Huſks of this *Fruit* to dye black. They ſoke ſome of the Pods all Night in Watet, mix a little *Allum* with it, and boil it to a due Thickneſs, which makes a very fine Black and ſtrong *Ink*.

Medicinal *Chili* Plants.

9. Daſie *Ragwort* or *Nillaue*.
Jacobea *Leucanthemi* vulg. folio F. 759.

Its *Flowers* yellow. They drink a *Tea* of this after the Fit, which abates the hot in intermitting *Fevers*. *Grows* on the ragged *Sea* Banks of *Chili*, &c.

10. Chili *Datura* or *Floripondio*.
Stramonoides arboreum oblongo & integro folio, *fructu* lævi [illegible].

Grows in *Chili* about a Yard high, with a white *Flower* very ſweet, that a ſingle Plant is enough to perfume a whole *Garden*. They apply the L. to haſten the Suppuration of *Tumors* which it does effectually. *N. B.* This Plant bears the *Flower* of a *Stramonium* or *Thorn apple*, but differs in its *Fruit* being ſmooth, there is a ſort of this in the *Hort. Malab.* Vol. 2. Tab. 29.

11. Chili *Nightſhade*
Solanum Chenopodoides, acinis albeſcentibus F. 721.
The *Natives* were ignorant of the *Virtue* of this Plant until the *Negroes* came amongſt them who were ſubject to a certain diſeaſe which kill'd them in their Prime, it was an extraordinary Extenſion of the *Anus* attended with a *Fever*, which was ſo mortal, that many of them dy'd before they diſcover'd this *Remedy*. They juice the tops of this Plant, mixing it with *Roſe-water* and a little *Allum*, which taken cures their Ail, ſtops the *Fever*, and they become very well. With this Juice they alſo bathe their *Eyes*, which takes away all *Pains* and *Dimneſs* in them. This *Sovereign* Plant *grows* about a Yard high, on the Mountains of *Valparaiſo*, &c.

12. Oak-leaved *Bitterſweet*.
Solanum foliis *Quercinis*. F. 722. Its *Flower* purple, *found* with the laſt, and *grows* near 2 *Yards* high.

TAB. III. Medicinal *Chili* Plants.

Fig. 1. SCarlet *Avens* or *Quellgon*.
Caryophylata fol. alatis, *fl.* amplo coccineo F. 726.
Is an *Aperitive* Herb, which the *Natives* make a *Tea* of to keep their Bodies in order. *Grows* about half a Yard high on the ſides of *Mountains*.

2. Purple *Septfoil*.
Pentaphylloides Alceæ minori folio, *fl.* purp. F. 763.
Grows about a Foot high, with a purple *Flower*, on the banks of the *River* Plata.

3. Panama *Centaury*.
Centaurium minus purp. patulum F. 747.
This Plant is very bitter. They make a *Tea* of it which is *Aperitive* and *Sudorifick*, it fortifies the *Stomach*, kills *Worms*, cures intermitting *Fevers* and the *Jaundice*, it's alſo given with very good Succeſs in *Rheumatiſms*, &c. They take it as hot as may be in Bed, covering themſelves cloſe, to provoke Sweat. *N. B.* The *Hiſtory* of the *Academy Royal* des Sciences A. D. 1707. p. 65. &c. gives great Encomiums to this Plant, which they ſay has a fragrant Smell like *Natural Balſam*, and is ſo great a Sweetner of the Blood, that it's a ſpecifick in *Leproſies*, and in *Fevers* they uſe it inſtead of the *Jeſuits Bark*. It's *found* plentifully about *Panama* and divers other Places, that which grows on the *Mountains* is eſteem'd the *beſt*. *J. P.*

4. Upright Purple *Wood ſorrel*.
Oxys roſeo *flore* erectior F. 733.
They make a *Tiſan* or *Broath* of this Herb, which is opening its Leaf tart and refreſhing, they abate *Choler* and cool the Heat of the Blood. *Grows* on the vaſt Plains along the *Rio* Plata.

6. Light *or* Purple ſtriped *Day-Lilly*.
Hemerocallis flor. purpuraſcentibus ſtriatis F. 710. Grows by *River* ſides.

7. Salſilla *or* Purple climing *Lilly*.
Hemerocallis ſcandens, *flor.* purpureis F. 713.
The *Natives* uſe the *Root* of this and attribute the ſame *Virtues* to it as *Saſſaparilla*, they infuſe it all Night in cold Water, and drink it for Pains in the *Stomach* alſo, and find great Relief by it.

8. *Ilien* or *Chili* Spiderwort.
Bermudiana cærulea, *Phalangii* ramoſi facie F. 715.
Grows *on* Mountains.

9. *Yellow* Star-leaved *Saſſa*.
Saſſa fol. radiatis, *floribus ſubluteis* F. 716.
The *Author* ſays this Plant is very well known in *Europe* for its Uſe in *Venereal* Diſeaſes.

10. Nuil *or* Gland-flag.
Ephaedis flor. uno verſu diſpoſitis F. 727.
Its *Flowers* all white. The *Natives* drink a Tea of it in Stoppage of *Urine* proceeding from the *Gravel*, it's alſo good to expel *Wind*. Grows *on* Mountains and *dry* Places.

11. White *Gavida* with a yellow Lip.
Ephaedis fl. albo F. 727.
Grows 3 Foot high, in the ſame places with the laſt, and has the like *Virtues*.

12. *Piquicken* with a greeniſh Flower.
Ephaedis fl. virelcente & variegato F. 727.
Grows on the ſides of *Mountains* a Yard *high*.

13. *Gavida* with a large *yellow* Flower.
Ephaedis amplo *flore* luteo F. 729.
The *Indian Women* newly laid in, mix the *Juice* of this Plant with their *Broths* to cauſe their *Milk* to return, which it does in plenty.

TAB. IV. Medicinal *Chili* Plants.

Fig. 1. YEllow *Hedge Hyſſope*. *Gratiola* fol. ſubrot. nervoſis fl. luteis F. 745.
The *Indians* eat this Herb in their *Soops* to refreſh them. *Grows* in *moiſt* Ground and by *River* ſides.

2. Bloody, ſtreakt *Rampion*.
Rapuntii facie, *fol.* ſinuatis, *flore* ampliſſimo ſanguineo & ſtriato F. 729.
Grows near *Rivers* and in *moiſt* places 2 Foot high.

3. Tupa *or* Chili *Cardinal Flower*.
Rapuntium ſpicatum foliis acutis F. 739.
Its *Flower* red. *Grows* on Mountains. The *Root* and *Bark* yields a venemous *Milk*, which will endanger the Eyes like *Spurge*, the very Smell of the *Flower* cauſes Vomiting, and the whole Plant is reckoned a *violent* Poiſon.

4. Tall *Chili* Violet.
Viola arboreſcens. *Origani* acuto folio F. 738.
A *Tea* of this is opening, its *Flower* blew and without Scent. *Grows* by *River* ſides a Foot and an half *high*.

5. Blew *Chili* Milkwort.
Polygala cærulea, anguſtis & denſioribus *Foliis* F. 721.
The *Natives* make a cold Infuſion of this Herb all Night in Water and drank in the Morning proves a ſtrong *Diuretick* and eaſes *Pleuritick* Pains. *Grows* on *Mountains*.

6. Chili *Panke*.
Panke *Anapodophylli* folio F. 741.
They eat the raw *Stalks* peeled, which are of a ſweetiſh agreeable Taſte, they alſo drink a *Tea* of its *Leaves*, which very much refreſhes them in violent Heats. The *Tanners* boil the *Roots* of this with their Skins which very much thickens them, it alſo yields a black Dye. *Grows* in moiſt *boggy* Places and by *River* ſides.

7. Chili *Llau-panke*.
Llau-panke ampliſſimo *Sonchi* folio F. 741.
They apply the *Juice* of this Plant to eaſe the Pain and ſtop the immoderate Flux of the *Piles*, they uſe alſo the Grounds of it Poultiſe-wiſe. The *Dyers* mix it in their Compoſitions to ſtain *Black*. Grows about a Yard high.

8. *Pichua* with *Purſlain* Leaves.
Tithymalus perennis *Portulacæ* folio F. 757.
The Inhabitants of *Chili*, &c. mix ſome Drops of the *Milk* of this *Spurge* in a large Glaſs of Water or Broth, which moderately and kindly purges them, for which Cauſe they call it the *weak* or *Female* Pichua. *Grows* commonly on the *Sea* Coaſts in *ſtoney* and *dry* Places.

9. Veiny *heart-leaved* Spurge.
Tithymalus fol. trinerviis & cordatis F. 709.
Grows with the laſt and *purges* like it.

10. Male *Pichua* Spurge.
So *call'd* becauſe it works more violently both upwards and downwards. It *differs* from the others, but *grows* in the ſame *Places*.

11. Chili *Ortiga*.
Ortiga urens, *Acanthii* folio F. 757.
Grows in *Valleys* about a *Cubit* high. *N. B.* Of this *Species* is the *Frutex* pungens & urens *Marcg.* 79. *Fig.* or the *ſtinging Palma Chriſti* of Wafer 27. p. 237.

11. Dyers *Itiu*.
Periclymenum fol. acutis, *flor.* profundè diſſectis F. 760. *Grows* about 4 Yards *high*, with Scarlet *Flowers* on the ſides of *Mountains*. They uſe the *Chips* of this *Wood* with the *Roots* of *Panke* at *Fig. 6.* mixt with a black *Earth* call'd *Robbo*, theſe they boil in Water to a juſt height, with which they dye their *Stuffs* of a fine Black, which fades not like thoſe of *Europe*.

12. Pillabilcum *or* Chili *Polypody*.
Polypodium rad. ſquamoſa F. 755. Filix *Dactyloides* perelegans *Muſ. Petiver* 215. *Ray* Vol. 3. p. 72.
A *Tea* of this opens *Obſtructions* and the Natives drink of it, when their *Stomachs* are overcharged. *Found* on the ſide of a *Mountain* near *Pincho* in *Chili*. It alſo grows about *Mount Serrado* on the Coaſt of *Africa*.

13. Chili *Guihio* or *Purging* Oat-graſs.
Gramen Bromoides *Cathanticum* F. 705.
They make a *Tea* of its *Roots* which they drink hot in a Morning which purges them; its Taſte like its Operation little different from *Sena*. *Grows* in *marſhy* and *wet* Places.

TAB. V. American *Gum-trees* and others very deſirable.

Fig. 1. B*Dellium*. Is ſaid to flow from the Trunk of a *Thorney* Tree, call'd *Bdellia* growing in *Arabia* and *India*, its *Leaves* are like the *Oak*, the *Fruit* reſembles a *Fig* and of a pretty good Reliſh. The *Gum* of a bitteriſh Taſte and turns yellow upon the Tongue, the beſt comes in oval Drops, is fragrant, reddiſh and tranſparent, it's uſed both externally and internally, being *aperitive*, *ſudorifick*, *digeſtive and diſcuſſive*, it haſtens *Birth*, provokes *Terms* and reſiſts *Poiſon*.

2. *Cancamum*. Reſembles ſeveral ſorts of *Gums* or *Roſins* of different Colours clotted or ſticking together, it's ſaid to come from *Arabia*, *Pomet* ſays it was brought him from *America A. D.* 1686. by Dr. *Briſſot* of 4 different Colours clinging together, iſſuing from a *Tree* of a moderate height, *Lemery* ſays it ſtrengthens the Stomach and Bowels, kills Worms and opens Obſtructions of the Spleen, *&c.*

3. Balſam *Coraibi*, by ſome *Colocai* and by the *Portugueſe* Gamemolo. *Margrave* ſays the *Wood* is very red, which they ſaw into *Boards* for divers Uſe, its Leaf 4 or 5 Inches long and oval

oval, bears a midling 5 leaved *Flower*, its Pods roundish, thin shell'd, with a *Filbert*-kernel, which bruised smell like *Peaſe*. *Piſo* adds that the *Fruit* ripens in *April* which the *Braſilians* eat, by sucking the Juice and spitting out the Skin; the *Monkeys* also are very greedy of them.

This *Balm* is yellower than *Turpentine*, and of a different Smell and Taste. It comforts the *Stomach* and *Bowels*, sweetens the whole Mass of *Blood* and is an admirablee *Vulnerary*, provokes *Urine* powerfully and stops *Fluxes* of all kinds, it's *Sudorifick* and cures most Diseases where Sweating is proper and requisite, if not excells all other *Natural* Balsams. It's said the *Natives* learnt the *vulnerary Virtue* of this *Balm* by observing the *Hogs* to repair to it when wounded.

4. *Caranna*. Flows from the Trunk of a *Tree* like a *Palm*, which grows plentifully in *New Spain*. Mr. *Lemery* says it's so call'd from *Carthagena* in the *Spaniſh* West *Indies* where it grows in plenty. It's so famed a *Cephalick*, *Arthritick* and *Vulnerary*, that it's usually said what *Tacamahac* cannot cure, *Caranna* can. *Hernandez* says it's a large *Tree* with longish L. growing *Star-wise*.

5. *Copal*. It's brought from *New Spain* and other Parts of *America*. *Pomet* says this *Gum* flows from the Trunks and Branches of several large *Trees* growing on the *Mountains* with *Fruit* like our *Cucumbers* but of a dark grey, in which is a mealy Flower of a very good Taste.

6. *Elemi*. This *Gum*, says *Pomet*, flows from the Cut Trunk and Branches of a midling *Tree* with long and narrow silvery *L*. and red *Flowers*, the Fruit of the Colour and Shape of *Olives*, and therefore by some *named* wild Olives. It's of singular Use in all *Wounds* and *Fractures* in the *Head* and *Scull*.

7. *New Balsam*. In Colour and Shape like *Tolu*, but of a less agreeable Smell, its boil'd from small red cluster'd *Fruit*, whole *L*. are very large and broad. *Grows* in *St. Domingo* and the other *Isles*.

8. Balsam *Peru* or *Natural Balsam*. This *Pomet* affirms, is made by boiling its *Bark*, Branches and Leaves in Water, scumming off the Fat which is this *black Balm*. It's used as a great *Pectoral*, particularly in *Asthma's*.

9. *Sarcocol* or *Flesh-glue*. Is a granulated *Gum* said to flow from a little prickly *Shrub* growing in *Arabia*, *Persia*, &c. It agglutinates *Flesh*, heals spongey *Wounds*, and stops *Hemorrhages*, it's also a very good *Ophthalmick*, taking away *Spots*, *Specks*, &c. hinding *Defluxions* into those Parts.

10. Liquid *Amber*. Comes by Incision from the Bark of a large Tree with *Ivy* Leaves growing in *Virginia* and *Mexico*, where it's call'd *Ocoxilt* or *Ococol*: It's very fragrant, consolides and mollifies the Hardness of the *Womb*, is good in *Sciatica*, *Rheumatism* and Weakness of the *Nerves*.

11. *Tacamahac*. Flows from the Bodies of large thick *Trees* like our *Poplars*, growing plentifully in *New Spain* and *Madagascar* where they are call'd *Harame*. The L. small and dented, the *Fruit* red of the Size of a large *Nut*, with a Peach-like *Stone*, odoriferous and Resinose. It's said to ease all manner of Pains in the *Head*, *Nerves*, *Joynts* or *Womb* and very good in *Vapours*. It's so famous amongst the *Indians*, that they use it in all *Pains* whatever.

12. Balsam *Tolu*. It being brought from that Province in *New Spain* seated between *Carthagena* and *Nombre de Dios*. It's of a grateful fragrant Smell, a great *Pectoral*, particularly in *Phthysicks*, *Catarrhs* and Defluxions. *Outwardly* it also eases old *Aches* and Pains in the *Head* and *Joynts*.

13. *Brasil Wood* or *Fernambuck*. Being the Place from whence it comes, where it is called by the *Brasilians* Ibirapitanga It's a thick large *Tree* with a reddish and thorney *Bark*, the L. small and blunt of a fine shining green. Its *Flower* little, sweet and of a beautiful red, with *Pods* flat and prickly. This *Wood* is used amongst the *Dyers*, and the *Stationerrs* make a red *Ink* of it.

14. Campechy, *Logwood* or *Brasiletto*.
In the Bay of *Campechy* it grows plentifully and thither our *English* go to cut it, it's also found in other Parts of *New Spain* as at *Sancta Cruce* where there are whole Forrests of it. *Pomet* and *Lemery* are both mistaken in making this Tree the same with our *Jamaica Pepper*, or *All Spice*., which we much better know than the *Logwood*, whose *Flowers* and *Fruit* we are as yet Strangers to.

15. Nephritick *Wood*. By reason it's a Sovereign Remedy for the *Stone*, *Gravel*, and Difficulty of *Urine*, it's also good in *Obstructions* of the *Liver* and *Spleen*. Grows in *New Spain* and chiefly about *Mexico*. *Hernandez* says it's a large Shrub with little roundish Leaves, its *Flower* yellow, long and little, growing in *Spikes*. The *Mexicans* call this Tree *Coatli* and *Tlapalz patli*.

16. Jesuits *Bark* or *Quinquina*.
This *Figure* is coppied from *Pomet*, who says it grows on the *Mountains* near the City *Loxa* in the Province of *Quito* in *Peru*; its Size about that of a *Cherry tree*; the L. round and indented, its *Flower* reddish, with a Pod including an Almond-like *Kernel*, covered with a thin Skin. Its *Bark* is much better known to us than either its *Leaves*, *Flowers* or *Fruit*. *N. B.* It is therefore highly to be wish'd, that the *Physicians* or other *curious Persons* who correspond to, or reside in those Parts where this *Tree* or any of the aforegoing grow, would be pleased to procure *Branches* of their *Leaves*, with its *Flowers* and *Fruit* on them, which Favour shou'd be acknowledged and more accurate *Figures* given of each, if communicated to your humble Servant,

James Petiver, F. R. S. Lond.

Alderſgate-ſtreet, London.
May 21. 1715.

Books, Tracts, &c. Published by the *Author*.

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N. B. *Divers* of these *Tracts* are now so very *scarce*, that of some of them, there are not 20 left.

Plantæ Medicinales *PERU.* *Medicinall PERU* Plants. *TAB.* I.

Fig. 1.

Chilca
Peru

2

Manga
Paki.
Vallibus

Paica
Iullo.
Fl. *albo*

3

Vallibus
saxosis.
Fl. *lut.*

4

Campis.
Fl *albo.*

5

Campis &
Hortis Fl.
coccin.

6

Hortis
Fl. *cerul.*

7

Cangua
Fl. *albis*

Hortis &c

8

Hortis &c.

9

10

Fl. *cærul.*

Ancoa-
cha.
Ripis
Fl. *luteo*

11

12

Fl *albo*

Planta Medicinales *e PERU &c. Medicinall PERU* Plants. *TAB.* II.

Fig. 1.
Vallibus.
Fl. *luteo viridi*

2
Vallibus
Fl. *luteo*

3
Ripis
Fl. *lut*

4
Montosis
Fl. *luteo*

Pelegrina
Hisp.

5
Montosis
Fl. *purp.*

Vallibus
Fl. *cerulese*

6

Malla Per.
Palar te
Hisp.

Fl. *flave*
7

8
Tara
Vallibus.

CHILI Plants.

Nillgue
Chilens
Maritimis
Fl. *luteo*

9

10
Flori-
pondio.
Fl. *albo*

11
Montosis
Fl. *albo*

Montosis
Fl. *cœrul*

12

Plantæ Medicinales *e* CHILI. *Medicinall* CHILI Plants. TAB. III.



Plantæ Medicinales e CHILI. *Medicinal* CHILI *Plants.* TAB. IV.

Fig 1.

Fl. *luteo*
Ripis Fluv.

Fl. *sanguineo.*
Humidis

2

Fl. *rubr.*
Montanus

3

Tupa

4

Fl. *cæ* *ruleo*
Ripis.

5

Clin-clin
Fl. *cærul.*
Montan

6

Panke
Humidis
& *Aquos.*

7

Laupanke
Fl. *rubro*
Montanis.

Pichua
Saxosis &
Aridis.

8

9

Pichua
Saxosis &
Aridis.

10

Ortiga
Vallibus.

Yuic.
Montosis.

11

Pillabileum
Montosis

12

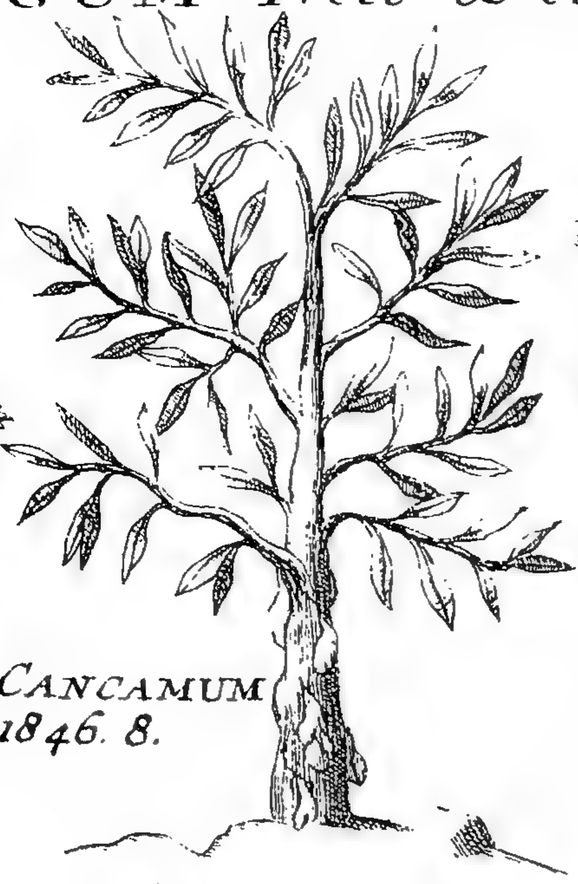
13

Guilno
Ripis &
Humidis.

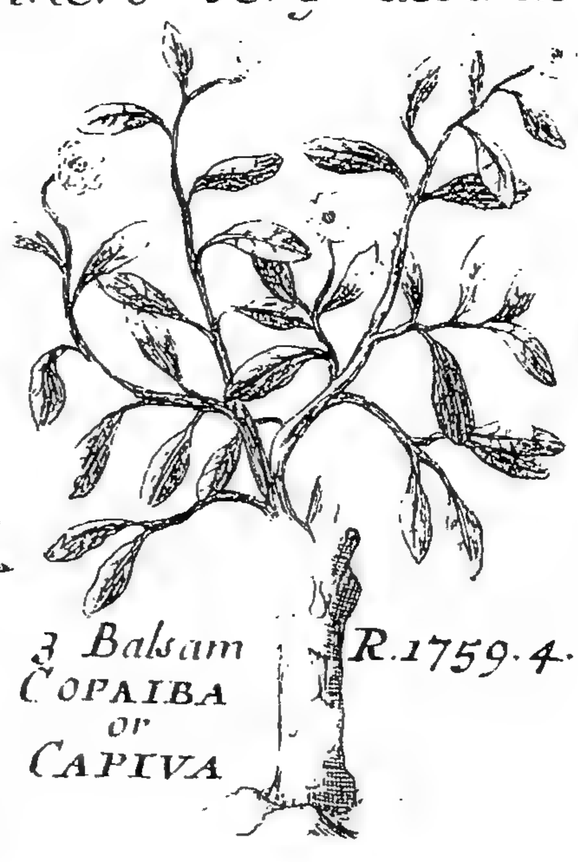
AMERICAN GUM *Trees & others very desirable*



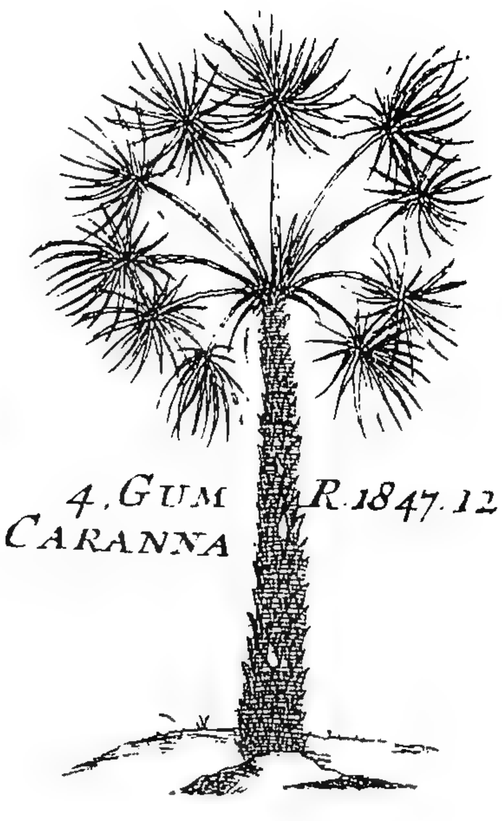
1. GUM BDELLIUM RAY. 1844. 6.



2. CANCAMUM R. 1846. 8.



3 Balsam COPAIBA or CAPIVA R. 1759. 4.



4. GUM CARANNA R. 1847. 12



5. GUM COPAL R. 1846. 10.



6. GUM ELEMI R. 1847 14.



7. New BALSAM P. 281. 53. Dr. 208. 53.



8 Natural BALSAM R. 1757. 2.



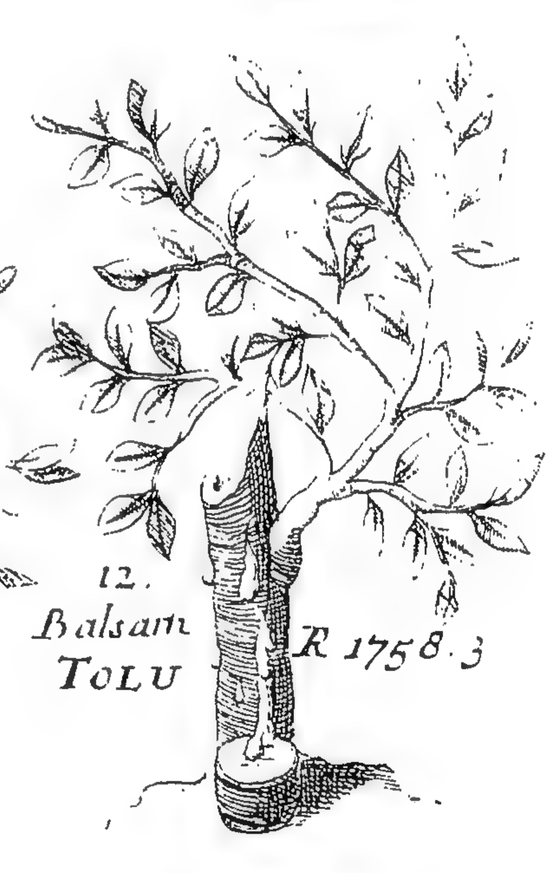
9 GUM SARCOCOL R. 1847. 13.



10. Liquid AMBAR RAY 1681.



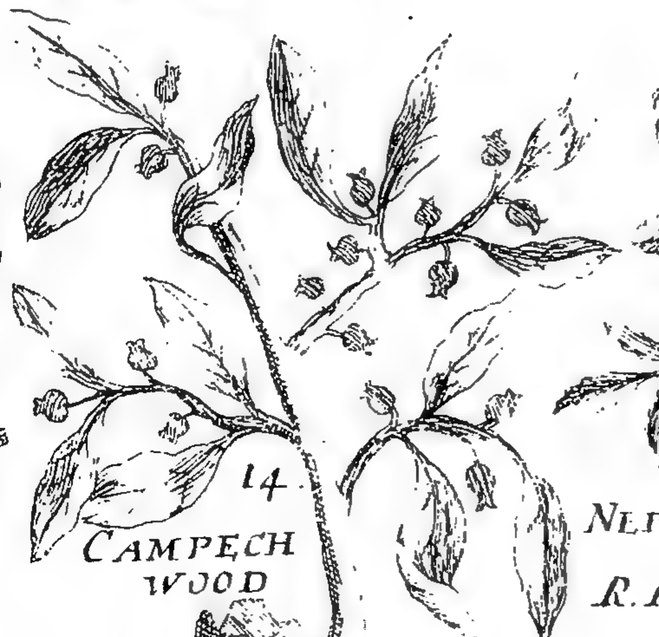
11. GUM TACAMAHAC R. 1846. 11.



12. Balsam TOLU R 1758. 3



13. BRASIL WOOD R 1736. c. 2.



14. CAMPECH WOOD



15. NEPHRITICK WOOD R. 1804. 4.



16. QUINQUINA or JESUITS BARK R. 1796. c. 9.

Sutton Nicholls sculp

AMOMUM verum R.1097. C.8.

1

CARDAMOMUM Longum R.1204. C.13.

2

Folium Indum seu Malabathrum R.1503. 4.

3

Costus Arabicus R. 1347 c. 16.

Nux Moschata or NUTMEG R.1522.

4

5

Caryophyllus or Cloves R.1508. 1.

6

Kinquina or Jesuits Bark R.1796. C.9.

7

8 R.1077.c.15.

Rhabarbarum or Rhubarb

9

Benzoin or Benjamin R.1845.7.

Sutton Nicholls sculp.

Plantarum ITALIÆ, *Marinarum & Graminum,*

ICONES, NOMINA, &c.

TABULA PRIMA.

FUCI, *Spongiæ, Pennæ*, &c. Maris *Mediterranei.*

Fig. 1. *Alga* ſpiralis maritima *Bocc.* Ray H. Plant. 1850. Ad *Oſtia Tyberina*, ſequentibus.

2. Fungus *Amanita*, marinus purpuraſcens *Barrel.* pl. 1310.

3. Fungus *Amanita*, marin. gilvo-luteus *Barrel.* pl. 1311.

4. *Dens Lupi* Piſcatoribus *Bar.* 1312. Sea *Wolfs-tooth.* It's a kind of *fleſhy* Fungoſe Body, about 2 Inches *long* with a *pointed* Bottom.

5. Penna *marina* carnea *Barrel.* 1313.

6. Penna *marina* purpurea 114. Theſe Two are like *Feathers* in *Quill* and *Plume*, its baſe *thorney*, by which it faſtens to other Bodies.

7. Penna *marina* ſpinoſa rubra 1315. *More fleſhy and thicker than* 6.

8. Penna *marina* ſpinoſa griſea obſoleta 1316. *More clammy than the reſt.*

9. Fucus *niger* vermiculatus & viſcoſus 1317. *Found* on the *Rocks* near *Pale* Fort.

10. *Fucus* Latifol. *Albicans*, criſpus, piloſus 1318.

11. *Fucus* anguſtifol. fruticans atropurpureus 1319. Its *Tips* often *whitiſh.* The *Fiſhermen* eat it with *Oyl* and *Vinegar.*

12. *Fucus* fruticans *Corallioides* ſubluteus major 1320. *It eats like the laſt, but grows much thicker.*

13. Eadem *minor* 1321. Its *Fleſh coloured* and *yellowiſh*, they mix it with *Sallets.*

14. *Fucus* criſpus virens & è gilvo luteus 1322. *It's ſoft, and when freſh; its upper Tufts thick ſet, curl'd and green; the lower brown and black colour'd.*

15. *Fucus* criſpus loricatus nigricans 1323. *It's 3 Inches long, flat and covered with curl'd black Hairs.*

16. *Fucus* criſpus niger, craſſo & grumoſo caule 1324. *Its Stem 4 Inches* long, *black and ſcaley, often ending in netted Tufts.*

Tab. II. COrallinæ, *&c. Maris* Mediterranei.

Fig. 1. *Fucus* criſpus niger tenuifolius 1325.

2. *Fucus* fruticans tenuifolius atropurpureus 1326.

3. *Corallina* criſtata minima 1328. *It's ſoft and joynted, growing in Tufts of divers colours, as white*, black, purple, greenish, *&c.*

4. *Corallina* minima bifida 1329. *Grows in longiſh Tails or Skins of very fine pale Threads much divided and ending forked.*

5. *Corallina* minima *Fæniculacea* 1330. *Its Threads finer than the laſt and not ſo cloſely ſet.*

6. *Corallina* minima criſpa, albida 1331.

7. *Corallina* cruſtacea bifida 1332. *It's brown with pale tips.*

8. *Corallina* fiſtuloſa fragilis craſſior 1333. *Ray* 65. *pl.* 2. *Of a ſtiff Colour, each Joynt half an Inch* long.

9. *Corallina* Fiſtuloſa fragilis ſubtilior 1334. *Ray* 66. *Much leſs than the laſt and whitiſh, its tips ſwelled and pounc'd.*

10. *Corallina* Aſtaci corniculorum æmula 1335. *Ray* 79. 20.

11. *Corallina* fruticoſa pennata 1336. *A ſort of yellowiſh* Sea Feather, *with crooked, inch long, joynted L. facing one way.*

12. *Corallina* capillacea è cinereo fuſca 1337. *Its L. very fine and ſoft, growing in* Tails *like* Spikenard.

13. *Corallina* fuſca *Fæniculacea* & mollior 1338.

14. *Corallina* reticulata 1339. *This browniſh netted* Sea-moſs, *grows to other* Plants, Shells, *&c.*

15. *Lithophyton* marinum albicans 1340.

16. *Lithophyton* cinereum rugoſum 1341. CB. pr. 153. *pl.* 2. *Both theſe and moſt of the foregoing are found about the* Tybers *Mouth and on the* Shores *of the* Tyrrhene *Sea.*

Tab. III. Gramina *Italiana.* Italian *Graſſes.*

Fig. 1. GRamen ſpicâ *Brizæ* majus *Barr.* 1154. *Grows in Hedges* and dry Places.

2. *Gramen* Spica *Brizæ* minus *Barr.* 1155. *Common* in *Fields.*

3. *Gramen* Sparteum ſpicatum, utriculis *Feſtucæ*, majus 1156.

4. *Gramen* Sparteum ſpicatum, *Lolii* utriculis, minus 1157. *Differs from the laſt in having leſs and bearded Tufts.*

5. *Gramen* Paluſtre locuſtis *Erucæ-formibus* 1158. *Its* Spike *near a Foot* long *and ſtiffiſh, the back of each* Tuft *is round, prickly and compoſed of 4 chaffey Rowes.*

6. *Gramen* Loliaceum ſpurium hiſutum, ariſtis geniculatis, maximum 1159. *The whole* Spike *a Span or longer, with ſlender awned Huſks, its* Leaves and Stalks *hairy.*

7. *Idem* medium *ſeu* vulgare 1160. *Grows with the laſt but differs in being leſs and having narrower Leaves and ſlenderer* Spikes.

8. *Gramen* Loliaceum junceum majus 1162. *It's of a pale green.* Grows *on* Mountains *near half a Foot* high.

9. *Gramen* Loliac. *Funceum* minus 1163. *Grows with the laſt, but ſpreads on the Ground and is leſs.*

10. *Gramen* junceum, nodoſum, minimum, capillare 1164. *Grows in Hilly Meadows and but little taller than the* Figure.

11. *Gramen* Caryophyllatum *Loliaceum* repens 1167. *The lower Leaves broad, ſtiff and pale, its Stalks two Cubits tall.*

12. *Gramen* Alopecurinum viride & molli ſpicâ 1179. *It's ſoft downy* Spikes 2 *Inches long and hairy.*

13. *Gramen* Criſtatum perenne majus 1186. *Its* Spikes 4 *Inches long with party-coloured* Glumes *or* Chaff *of pale and green, in which and being ſlenderer it differs from the next.*

14. *Gramen* Criſtatum annuum minus 1187.

15. *Gramen* Alopecurum pratenſe, panicula ſericeâ 1188.

16. *Gramen* Typhinum prat. tuberoſum, ſpicâ aſperâ 1189.

Tab. IV. GRamen *Typhin.* arvenſe rad. tuberoſa, ſpicâ aſperâ, Fig. 1. longâ 1190. *Its* Roots *more fleſhy and leſs threddy than the laſt.*

2. Gramen *Typhinum* ſupinum tuberoſum, ſpicâ non aſperâ 1191. *It's broad Leaves, crooked Stalks and ſmother Spikes diſtinguiſh it from the reſt.*

3. Gramen *Typhinum* ſupinum *Italicum* minus 1192. Head's ſoft and ſhort.

4. Gramen *Typh.* maritimum, longius radicatum 1193

5. *Gramen* Typh. *Phalaroides* majus bulboſ. aquat. 1200.

6. *Idem* minus 1201. *More ſlender and prickly than* 5.

7. *Idem* Spicâ piloſâ 1202. *In watery Ditches with the 2 laſt.*

8. *Idem* Arvenſe 1203. *On the Walls of* Rome, *&c.*

9. Gramen *proliferum* criſpum majus 1211.

10. Gramen *proliferum*, paniculâ janthinâ minus 1212.

11. *Gramen* paniculâ criſpâ 211. *Theſe* 3 *about* Rome.

12. Gramen *Eranthemum* Paluſtre, tenui & ſparsâ *Brizæ* paniculâ 1216. *Grows on wet Banks by River ſides.*

13. Gramen *Phalaroides* ſparsâ *Brizæ* paniculâ minus 1211.

14. Gramen *Phalar.* ſparsâ panicula, minimum anguſtif. 1218.

15. Gramen *Tremulum* majus, erecta panic. citrinum 1222.

16. Gramen *Tremulum* minus, erecta collectaq; panic. 1223.

Tab. V. GRamen *Phalaroides* majus, acerosâ erectâ parvâ paFig. 1. nicula 1224. *Grows on Mountains.*

2. Gr. *Phalar.* majus aceroſum, nutante ſpicâ 1225.

3. Gr. *Phalar.* minus, erecta ſpicâ, obliquis ariſtis 1226.

4. Gr. *Phalar.* ſparta & nutante *Brizæ* paniculâ, obliquis ariſtis, minus 1227.

5. Gr. *Avenaceum* anguſtifol. paniculâ pyramidali 1233.

6. *Gr.* Sparteum *Bromoides*, brevioribus utriculis, nutante paniculâ 1234. *It's a rough dry Graſs.*

7. *Gr.* Spart. *Brom.* longioribus & erectis utriculis 1235.

8. *Gr.* Spart. *Brom.* panic. ſpicatâ, majoribus utriculis 1236.

9. *Gr.* Sparteum ſive *Ægylops* Spartea villoſa 1237.

10. *Gr.* Feſtuceum *Myurum* elatius, ſpicâ heteromallâ gracili 1241.

11. *Scirpus* maritimus capite glomerato 1246. *Ray* 1298. 17.

12. *Scirpus* marit. minor, graciliore ſpicâ 1247.

13. *Scirpus* capitulo ſingulari, rad. tomentoſa 1249.

14. *Cyperoides* latifolium minus 1256.

15. *Cyperoides* latifol. typha erecta minus 1257. *Shady Hills.*

16. *Cyperoides* anguſtifol. typhâ nutante minus 1258. *Found* in *Woods.*

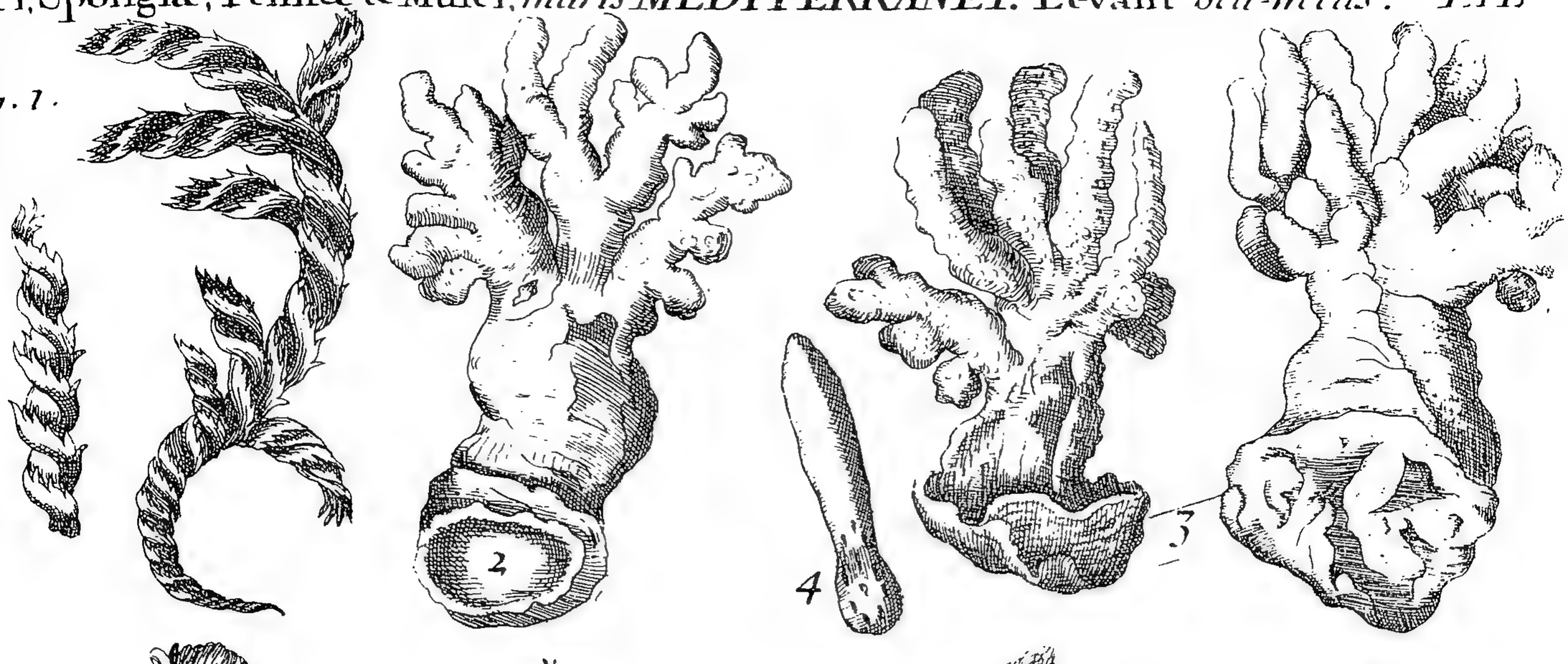
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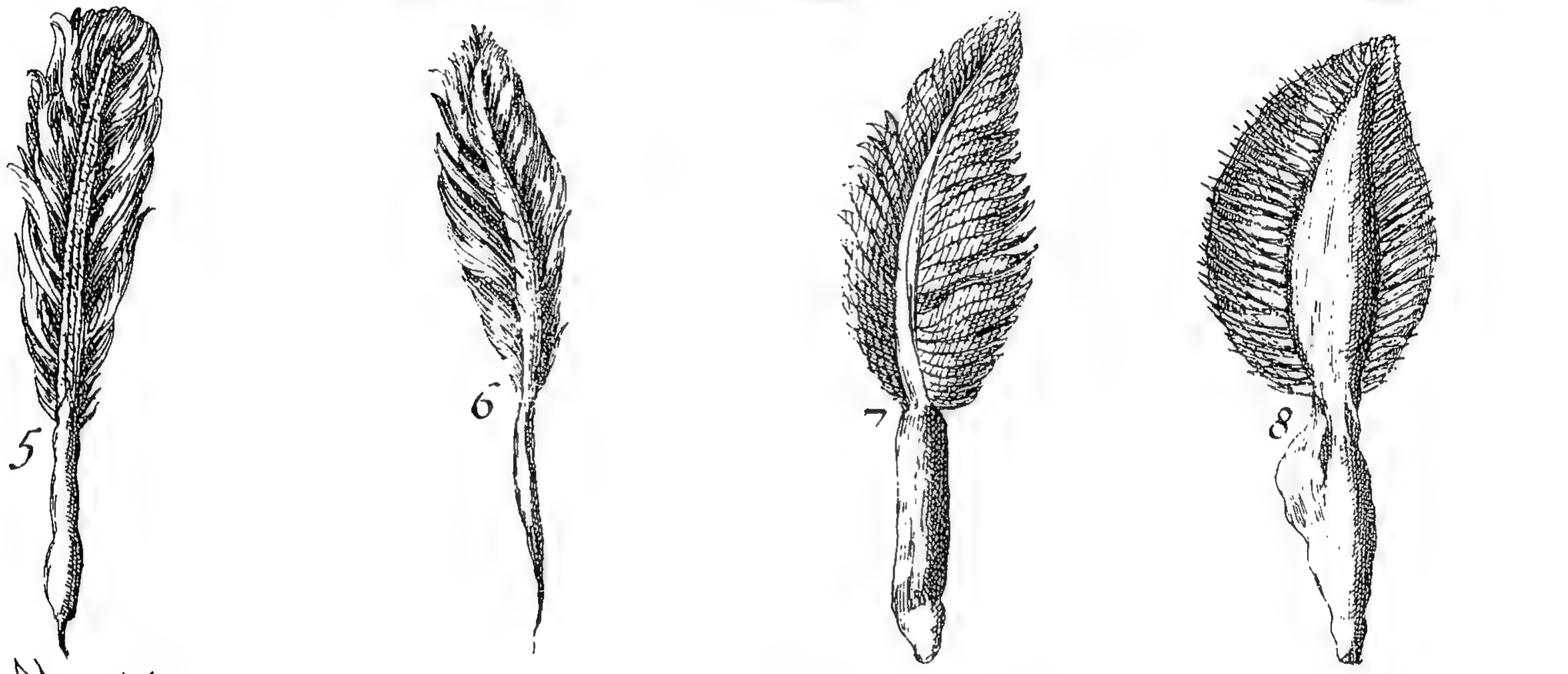
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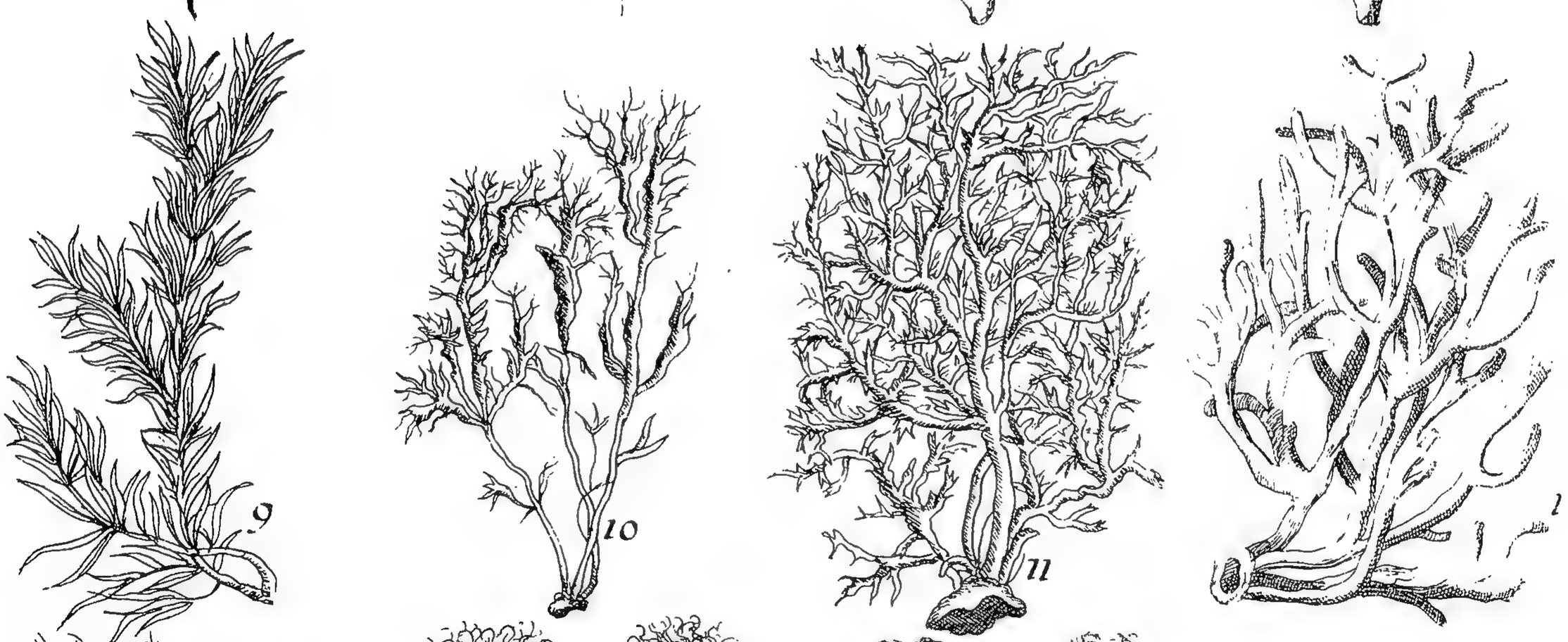
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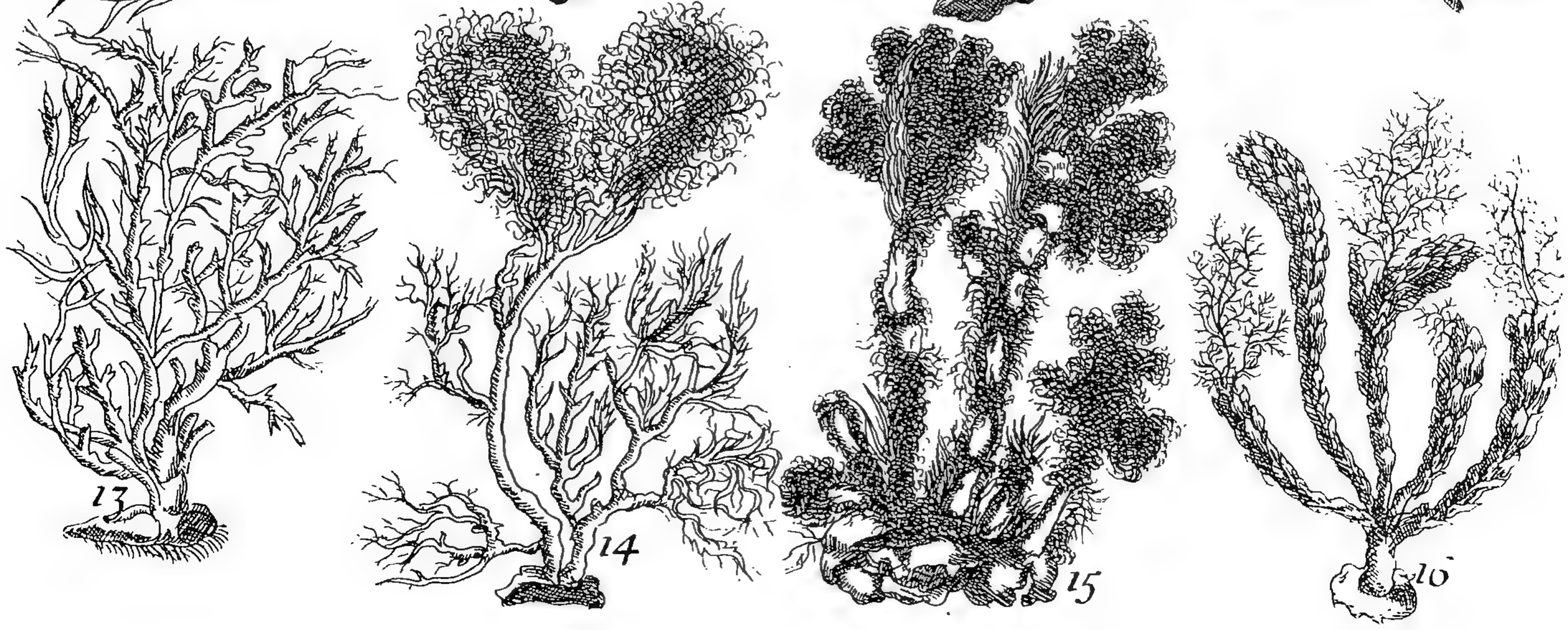
Fuci, Spongiæ, Pennæ & Musci, *maris* MEDITERRANEI. Levant *Sea-Weeds*. *TAB* I

Fig. 1.



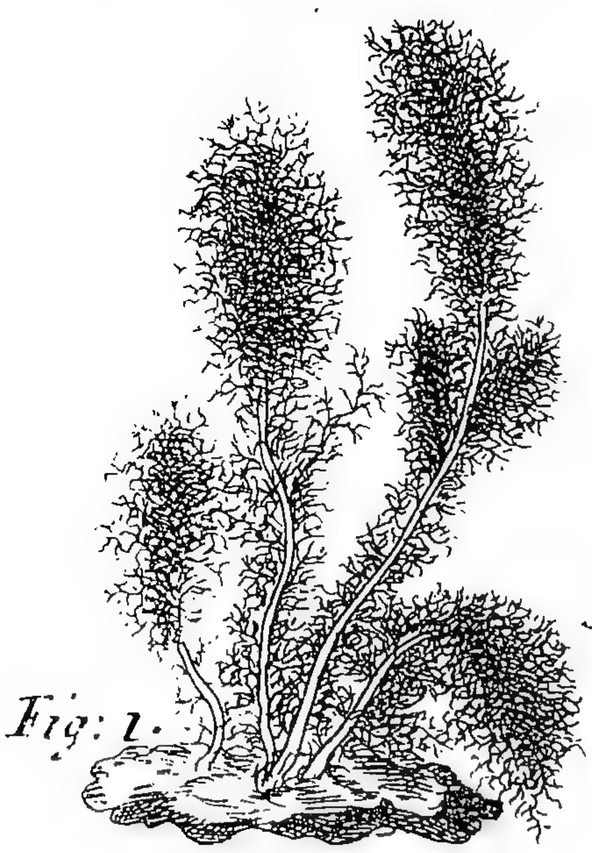


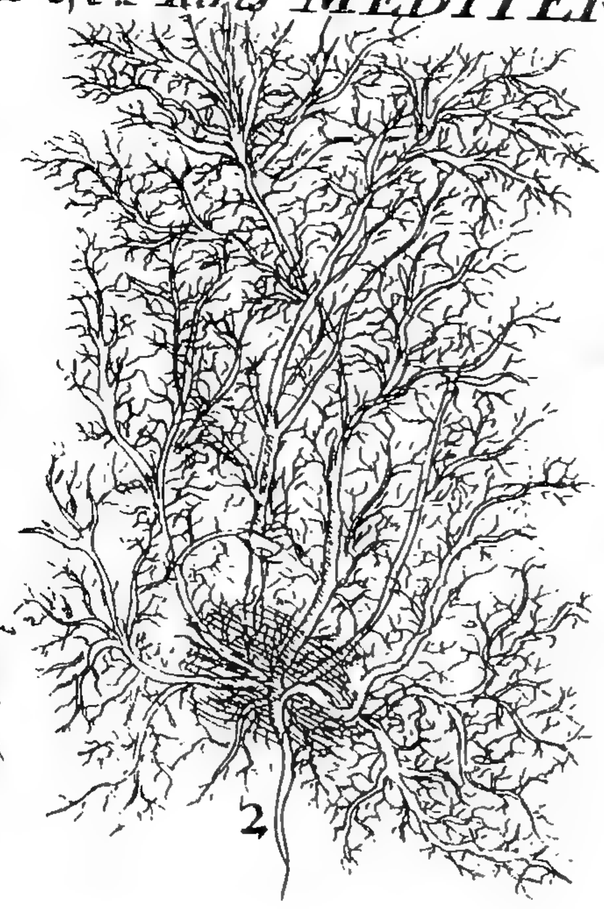




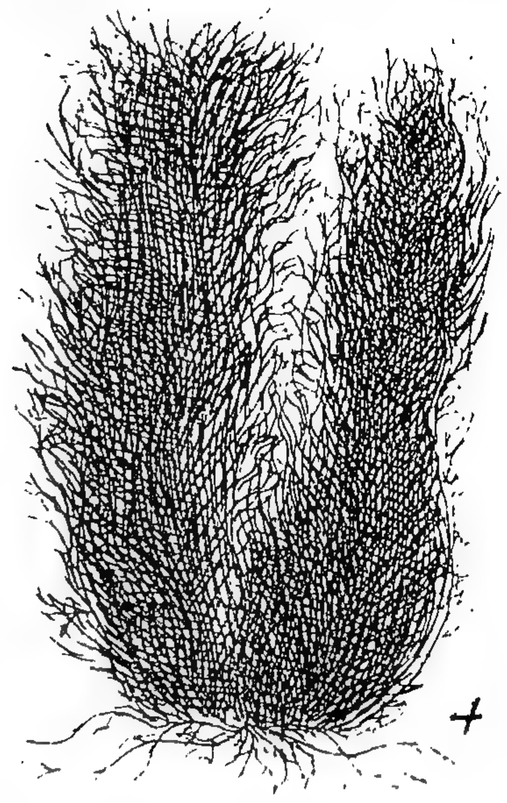
Muſci *marini*, Corallinæ &c. *Maris* MEDITERRANEI. Levant *Sea Moſſes &c.* TAB II.

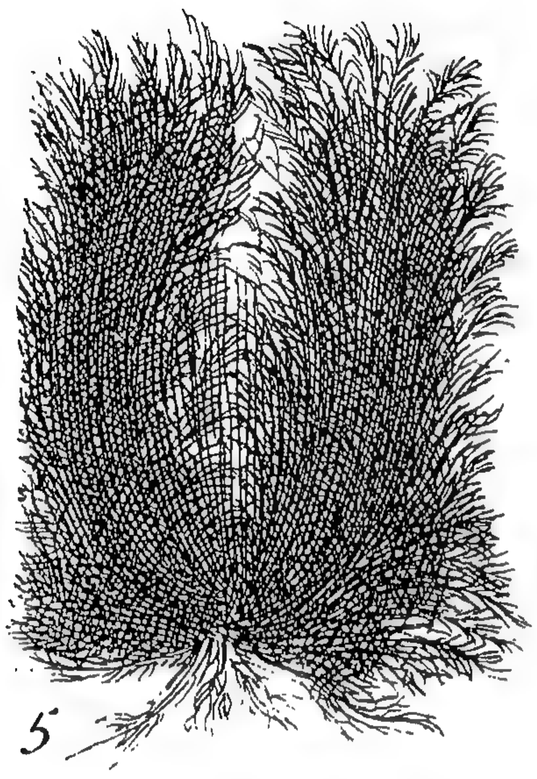
Fig: 1.

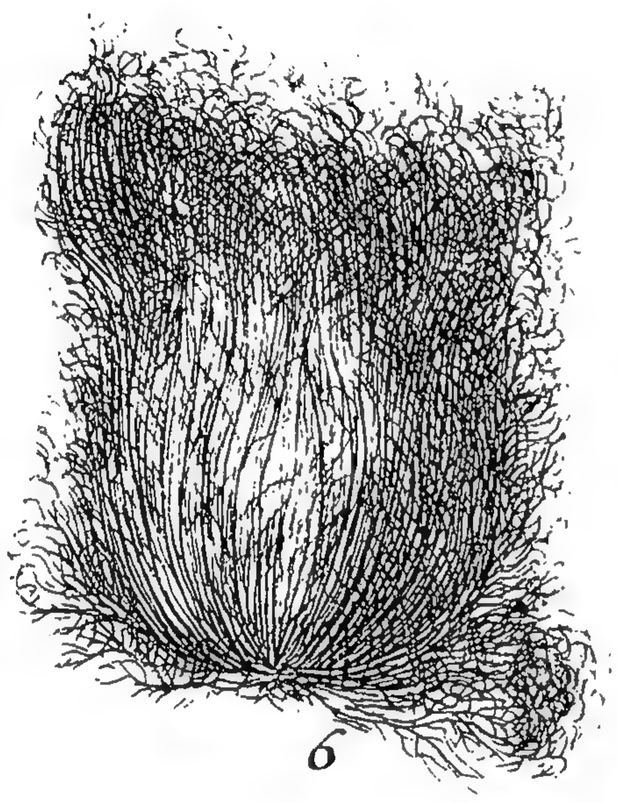


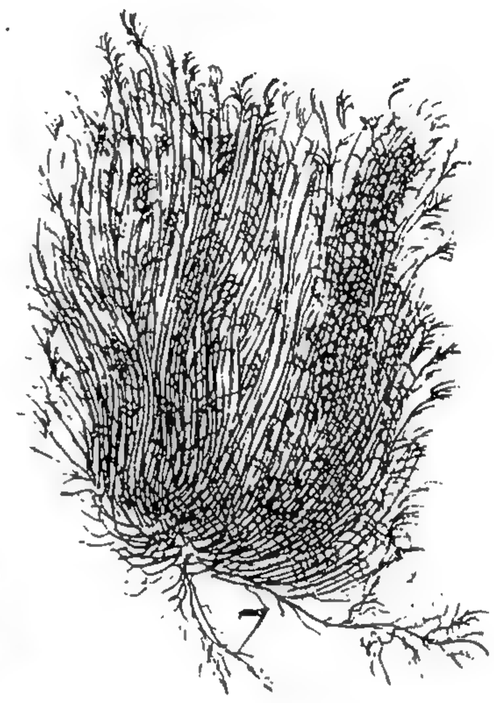




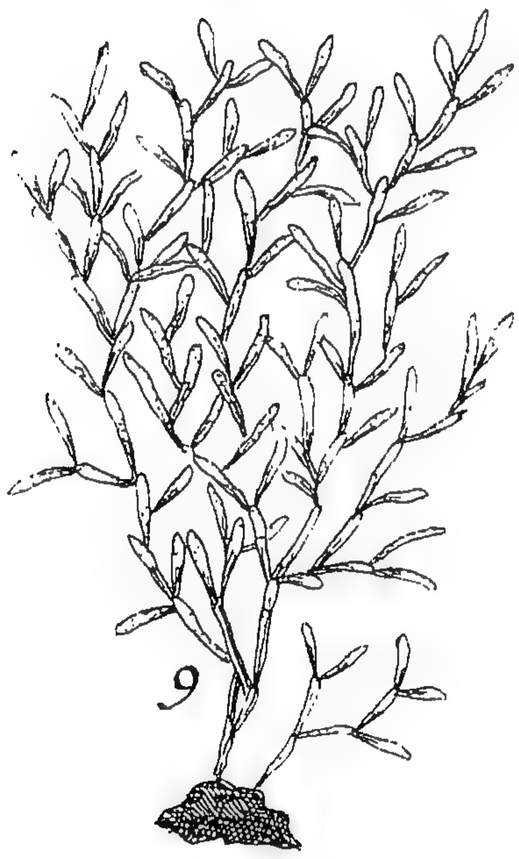




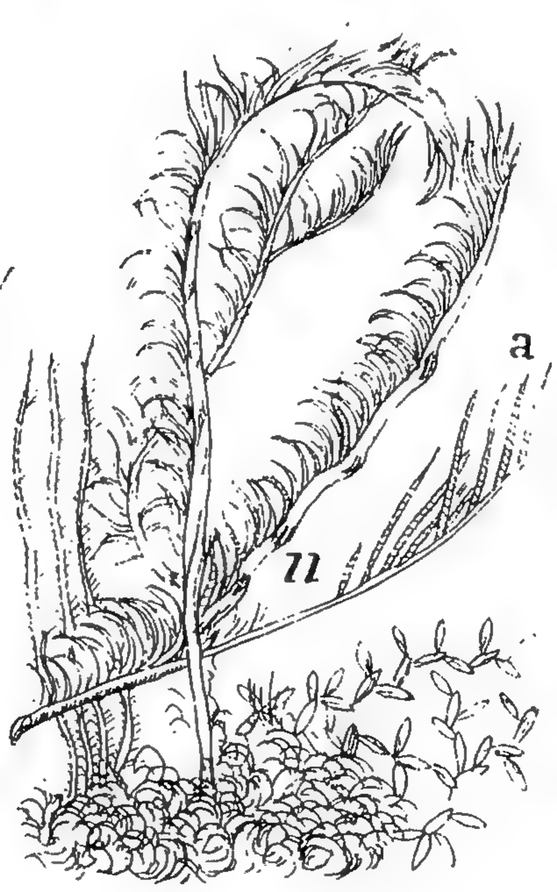




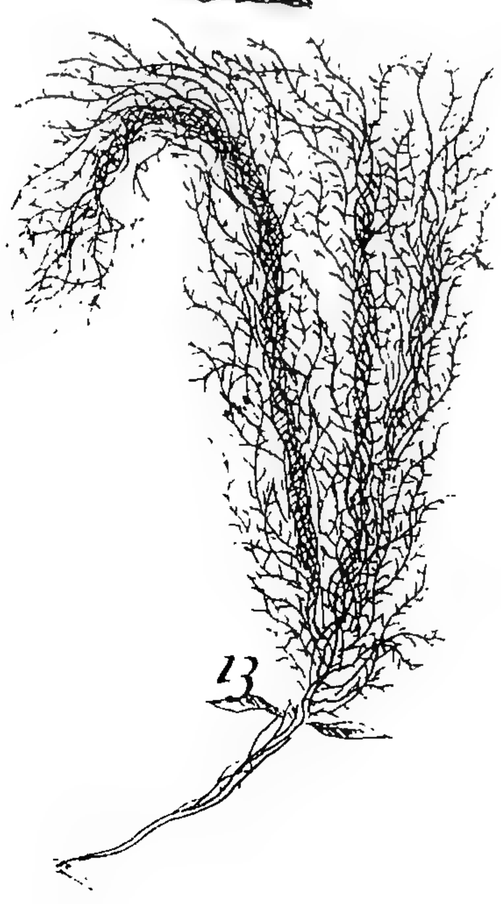


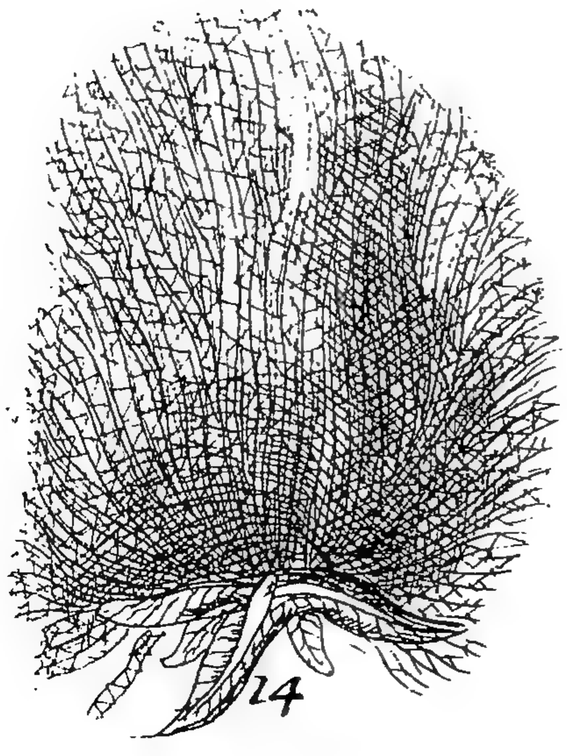


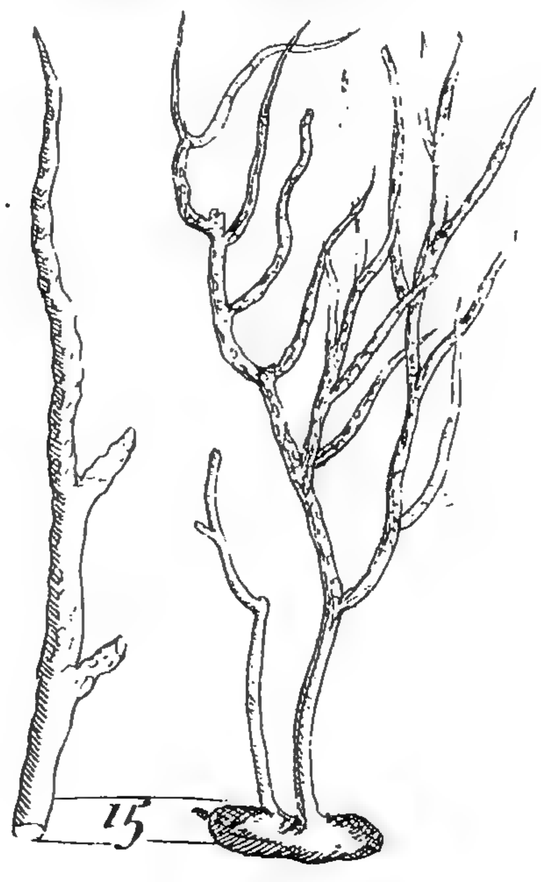


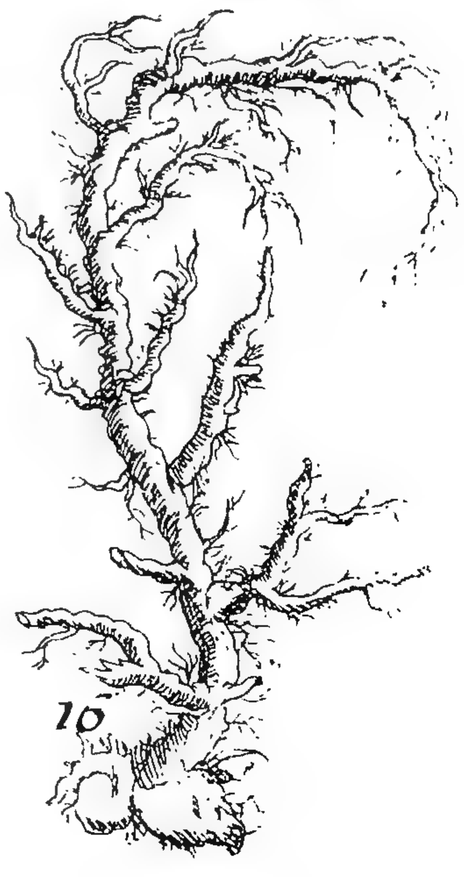




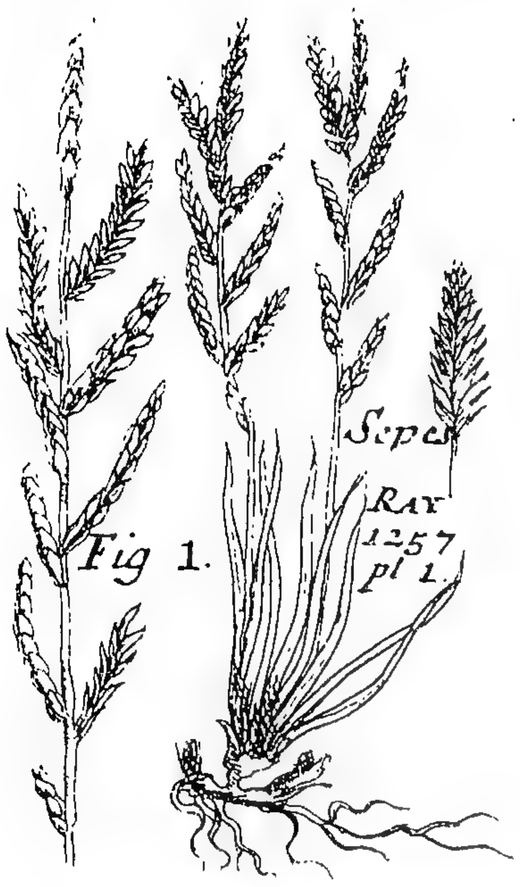


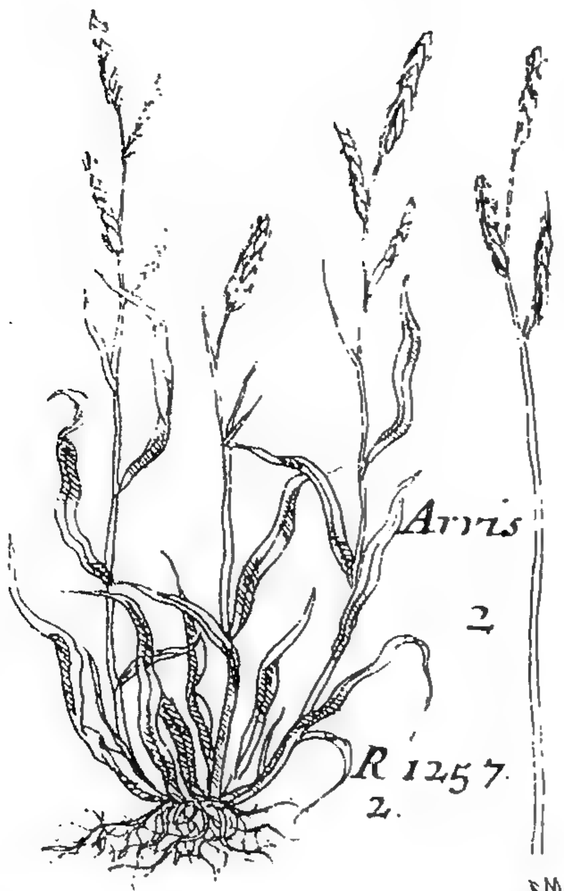






Gramina Italiana. ITALIAN Grasses. TAB III.

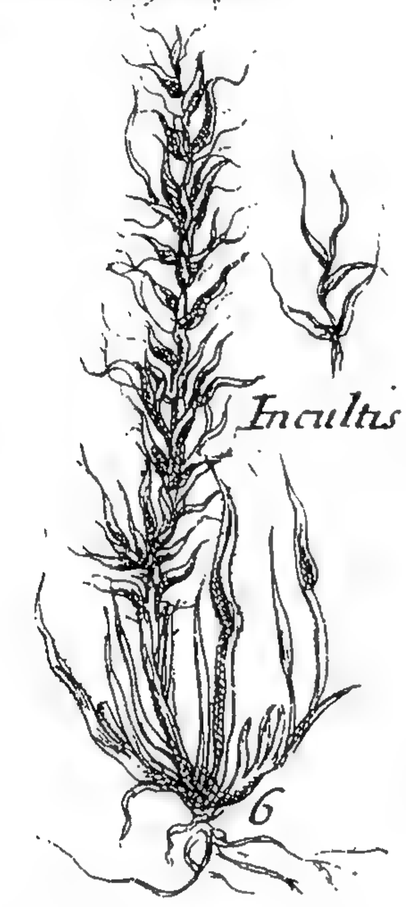


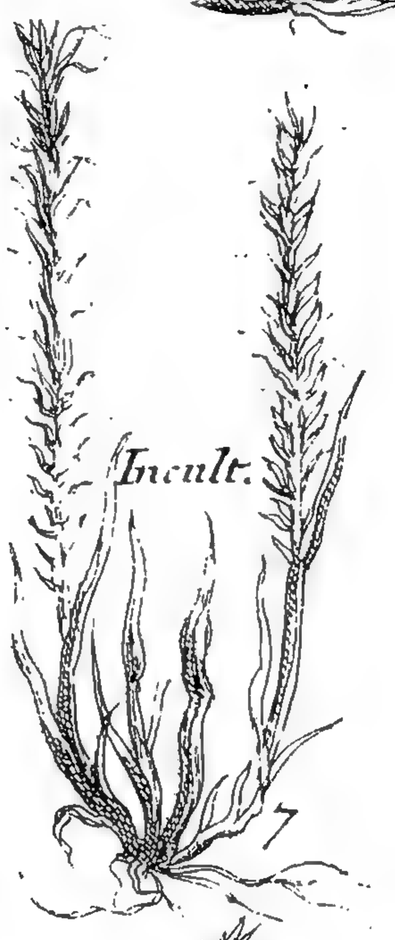


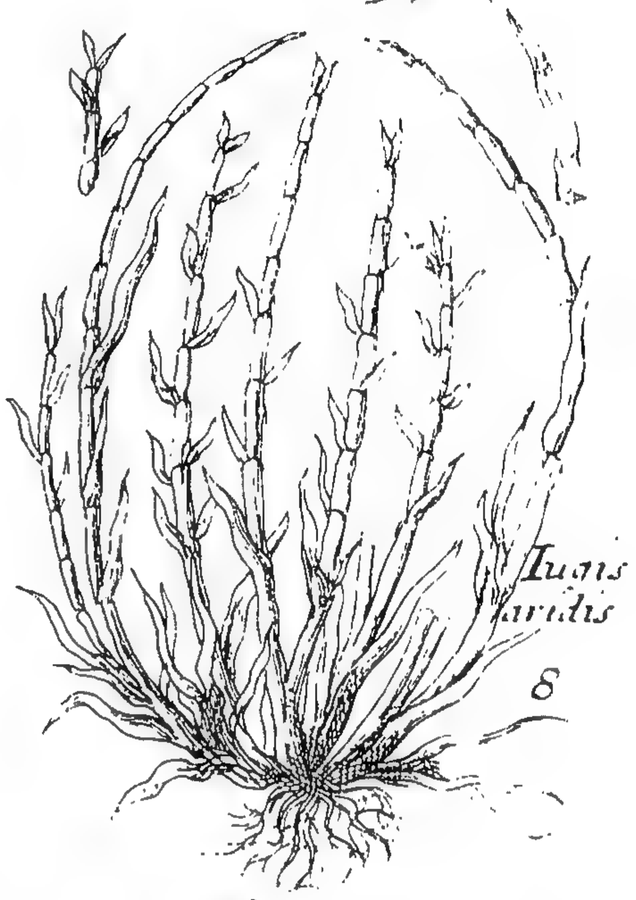




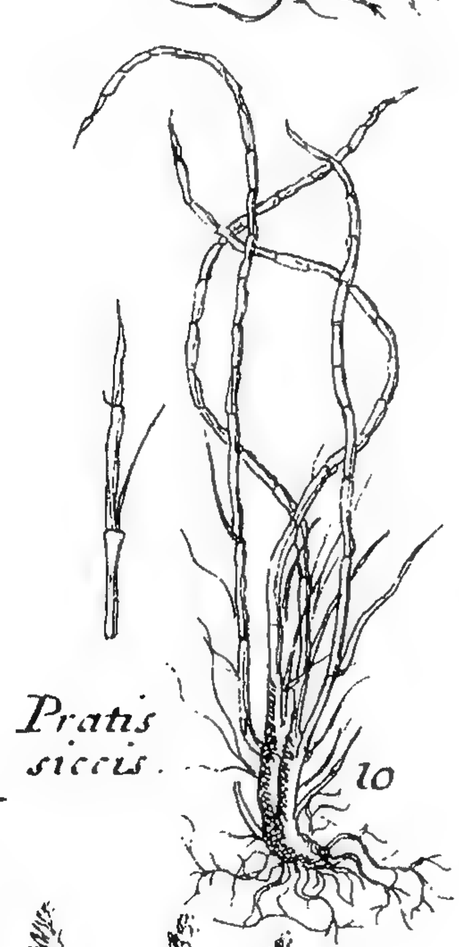




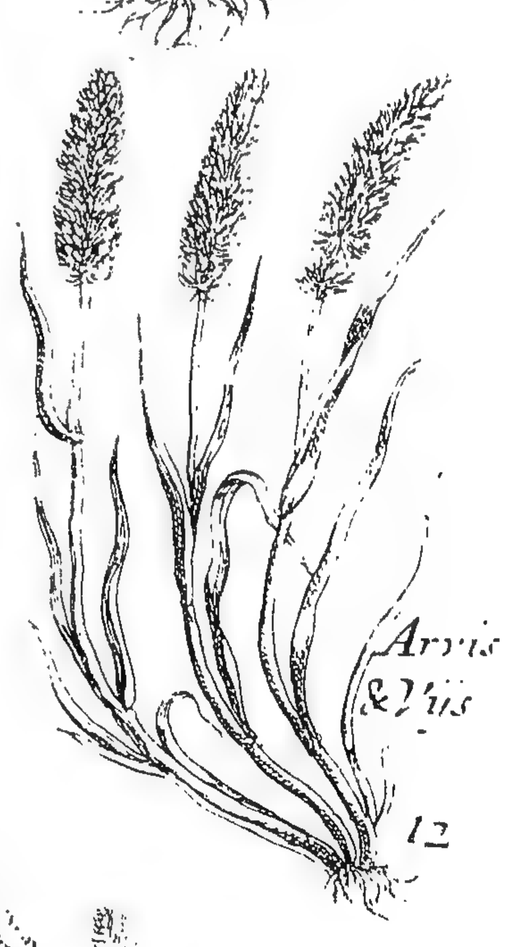












Gramina Italiana. *ITALIAN Graſses* TAB. IV.

Fig. 1.

Pratis siccis

Agris 2

Udis canos 3

Maritimis arenos. 4

Raj 1267 *pl.* 4

Foſsis aquosis 5

6 *Foſsis aquosis*

7 *Foſsis aquosis*

8 *Muris Maio.*

9

10

xi

12 *Ripis*

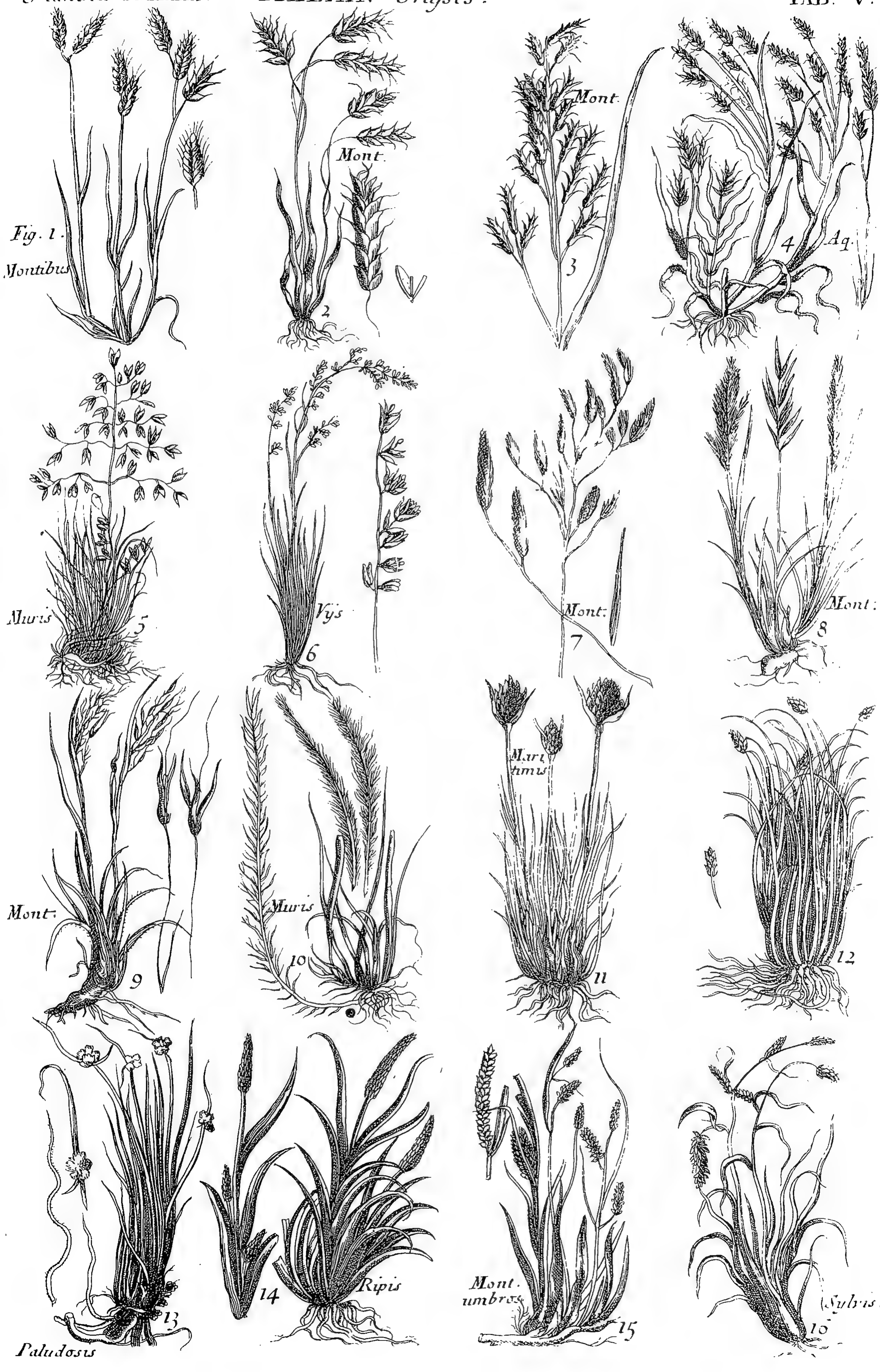
Aridis inultis 13

Paſsim R. 1286. 14. 14

Mont. aridis 15

Montosis. 16

Gramina Italiana. ITALIAN Graſses. TAB. V.



Plantarum ÆGYPTIACARUM RARIORUM *ICONES* ET Aliarum minus vulgarium CATALOGUS.

A Jacobo Petiverio, *S. R. S.* Lond.

Tab. 1. Fig. 1. SAlix *Ægypt.* latifol. ex alis *Fulifera* nobif. Calaf & Ban *Ray* Hift. *Plant.* 1424. Chabr. 66. f. 4. IB. 220. f. Salix *Ægyptiaca* Park. 1433. fig. 6.

2. *Sebeftena* fylv. CB. 446. 2. *Fructu* minore ferotino *Nob.* Ray 1555. c. 25. *Var.* Chabr. 12. f. 6. IB. 198. f. 2. *Park.* 552. 2.

3. *Tamarix* Ægyptia arbor CB. 484. 3. *Ray* 1705. 3. *Tamarifcus* Ægyptia gallas ferens *Park.* 1479. 4.

4. Balfamum *Syriacum* Rutæ folio CB. 400. 1. R. 1755. c. 13. *Chabr.* 24. 3. IB. 298. f. Park. 1528. c. 89. f.

5. Abavo *arbor*, rad. tuberofa CB. 434. 10. R. 1371. 1.

6. *Cucumis* Ægypt. rotundifolius CB. 310. 5. *Phyt.* 618. 5. Chabr. 135. f. 2. IB. 248. fig. *Ray* 646. 4.

7. Melo *Ægyptius* CB. 311. 5. phyt. 620. 4. *Chabr.* 134. f. 4. IB. 245. f. Ray 945. 4.

8. *Kali* Ægypt. fol. valde longis hirfutis CB. 8. p. 289. *Ray* 1915. pl. 1. Chabr. 543. f. 5. *Park* 179. 3. & 1285. f. 4.

9. *Matricaria* inodora CB. 134. 5. *Phyt.* 223. 4. Ray 357. 2. *Chabr.* 374. f. 5. IB. 131. f. Park. 85. 8.

10. *Loto* affinis Ægyptiaca CB. 332. 1. Ray 922. 1. *Chabr.* 159. f. 4. IB. 361. f. Park 849 3.

11. *Melilotus* Ægyptiaca, corniculis *reflexis* minor CB. 331. 3. Phyt. 666. 49. *Ray* 953. 13. Park. 719. 5.

12. *Lenticula* paluftris Ægypt. five *Stratiotes* aq. fol. *Sedi* majoris latoribus CB. 362. 6. *Ray* 1324. c. 8. *Chabr.* 567. f. 2. IB. 787. Park. 1249. f. 2.

13. *Stratiotes* Ægyptiaca fol. obtufis *Nobif.* Ray 1324. cap. 8. 2. Park. 1249, f. 2. inferior.

14. *Herba* Ægypt. fol. *Junci*, fucco flavo urente *Nob.* Felfel tavil *Ægyptiis* CB. 412. 5. Chabr. 126. f. 4. IB. 188. f.

15. Cyperus *rotund.* Oriental. major CB. 13. 1. Phyt. 13. 1. Th. 268. 1. *Ray* 1294. pl. 13. *Chabr.* 194. f. 5. IB. 502. fig.

16. *Papyrus* Nilotica *five* Ægyptiaca CB. 19. 1. Phyt. 44. 1. Theatr. 323. 1. *Ray.* 1320. c. 2. Chabr. 195. 5. IB. 460. f. 1. Park. 1207. f.

17. *Gramen* Dactylon Ægyptiacum CB. 7. 1. Phyt. 90. p. 20. Theatr. 110. 1. *Ray* 1272. 3. Chabr. 180. f. 5. IB. 14. f. Park. 1294. f. 7.

Tab. 2. Fig. 2. FIcus folio *Mori*, fructu in caudice ferens CB. 459. 1. *Ray* 1439. 1. Chabr. 9. f. 5. IB. 124. fig. Park. 1294. f. 1.

2. *Oenoplia* fpinofa CB. 477. 2. *Ray* 1534. 4. Chabr. 51. f. 3. IB. 39. f. 1. Park 1442. f.

3. Lycio *affinis* Ægyptiaca CB. 479. 10. Ray 1629. 10. *Chabr.* 52. f. 6. IB. 62. f. 2. Park 1011. f. 12.

4. Lycium *Indicum* alterum CB. 479. 8. Ray 1128. 9. *Chabr.* 53. f. 4. IB. 62. fig. 1. Park. 1011. f. 10.

5. Myrobalanus *Ægypt.* fpinofa, foliis geminis *Nob.* Park. 1678. f. 2. Veſl. *Obſ.* 61.

6. *Hippomarathrum* Sphærocephalum *Ægypt.* Alpin. Exot. 198. f. *Ray* 459. 4. Park. 884. 6.

7. *Marum* Ægyptiorum Alpini Exot. 253. f. *Park.* 1674. f. 10. Veſl. *Obſ.* 79. f.

8. *Cucumis* Ægyptius reticulatus ſeu *Luffa* Arabum *Veſl.* Obſ. 48. fig. *Ray* 640. 2. GAZ. NAT. Tab. 11. fig. 2.

9. *Hyofcyamus* albus Ægyptius Alpin. *Exot.* 192. f. Veſl. *Obſ.* 66. f. Ray 713.

10. Convolvulus Ægyptius *Veſl.* Obſ. 74. fig. Omel heſſen *Arabibus.* Ray 720. pl. 1.

11. *Lyſimachia* lutea Ægyptiaca Ray 1022. 4. Caſſabel darira Alpin. *Exot.* 194. f. *Veſl.* Obſ. 63. Park. 1189. f. 2.

12. Galega *Ægypt.* ſiliquis articulatis CB. 352 2. Ray 926. c. 2. Park. 1099. f. 6. *Seſban* Ægyptiis.

13. Galegæ *affinis* Sophera dicta CB. 352. 3. *Ray* 911. 3. Park 1089. f. 8.

14. *Arum* Ægyptium minus *Veſl.* Obſ. 44. *caule* maculoſo *Arab.*

15. *Nymphæa* ſeu *Nufar* Ægyptium *Veſl.* Obſ. 43. c. 34. *Nymphæa* alba *major* Ægypt. ſive *Lotus* Ægyptia Park. *Lotus* Ægyptia Alpin. *Exot.* 214. f. *Ray* 1321. 5. Veſl. *Obſ.* 43. f.

16. *Zatahendi* Alpini 41. c. 29. *Veſl.* 94. fol. craſſis rotundis albis odoratis *Nob.* Chabr. 416. f. 6. IB. 256. f. CB. 223. 9. Phyt. 421. 7.

Plantarum *Ægyptiacarum* aliarum *Catalogus.*

1 OCimum *Rilau* Ægyptiis Alpini 53. *Veſl.* 132. Ray 1871.

2. *Anguria* Ægyptiaca CB. 312. 5. Phyt. 622. 3. Park. 773. 3. Ray 644. 4.

3. Melonis *Ægyptii* alterum genus CB. 313. 6. Phyt. 620. 5. *Chajar* Ægyptiis Alpini 45. *Veſl.* 115.

4. *Braſſica* ſpinoſa CB. 311. 3. pr. 54. f. Phyt. 178. 16. *Matth.* 369. f. 6. Chabr. 271. f. 5. IB. 835. f. 2. Park. 269. f. 3. *Ray* 797. 18. Alp. *Exot.* 200. f.

5. *Lupinus* peregrinus pentaphyllos CB. 348. 5. *Veſl.* Obſ. 70. f. *Pona* Ital. 102. f. Alp. *Exot.* 322. f. Park. 397. f. 3. & 1075. 5. *Ray* 859. 2.

6. Thlaſpi *Alexandrinum* CB. 108. 2. pr. 50. 10. Phyt. 165. 12. Park. 849. 3. Ray 834. 20.

7. Cicercula *Ægyptiaca* Cluſ. 236. f. 1. *Lathyrus* anguſtif. *fem.* maculoſo CB. 344. 8. *Ray* 896. 15.

8. Phaſeolus *niger* Lablab *Alpini* 31. f. *Veſl.* 75. f. Obſ. 24. *Phaſeolus Ægypt. nigro* ſemine CB. 341. 1. Cluſ. 227. f. Pan. 732. *Chabr.* 140. f. 4. IB. 270. f. Ray 888. 25.

9. *Phaſeolus* Ægypt. *ſem.* ruffo CB. 341. 2.

10. *Datura* Ægyptia *Veſl.* Obſ. 58. f. *Contarena* Alp. Exot. 167. *Ray* 748. 2.

11. *Hyofcyamus* Ægyptius *Cluſ.* 83. f. 2. Park 463. f. 4. *Ray* 712. 5.

12. *Beidelſar* Ægypt. Alpin. 36. f. *Veſl.* 86. f. *Apocynum* Ægypt. *fl.* ſtellatis croceis ſpicatæ, *folliculis* magnis cordatis *Nob.* Humidis propè *Alexandriam.*

13. Beidel Sfar *Medicis* Arabum *Offar & el Uſar* dictum *Veſl.* Obſ. 28. f. Apocynum *Hort.* flor. umbellatis reflexis, *folliculis* hirtis *Nob.*

14. *Secamone* Ægypt. Alpini 53. f. *Veſl.* 134. f. Ray 1087. 2. Apocynum *anguſto* Salicis folio CB. 303. 3. Park. 385. 3.

15. *Melochia* Alpini c. 28. f. *Veſl* 93. f. *Ray* 1068. 10. *Corchorus* CB. 319. Phyt. 632 *Lob.* Ic. 585. 1. Belg. 597. f. *Obſ.* 269.

16. *Faba* Ægyptiaca, *Dioſcoridis* affinis CB. 196. 8. *Chabr.* 562. f. 3. IB. 775. f. Park. 374. f. ult. *Ray* 1322.

17. *Felfel tavil* Ægypt. Piper *longum* Ægyptium *Veſl.* Obſ. 35. f. *Euphorbium* Ægypt. *mar.* Junceis *ramoſis* Nob.

18. *Gr.* ſtellatum Ægyptium *Veſl.* Obſ. 53. fig.

19. Capparis *non* ſpinoſa, *fructu* majore CB. 480. 3. Park. 1023. 3. Ray 1630. 3. Cappar *Alexandris* Alp. 52. *Veſl.* 129.

20. *Sebeſtena* Domeſtica, *fol.* latioribus & craſſioribus, *fructu* majore *Nob.* Alpin. 13. f. *Veſl.* 30. f. Obſ. 12. CB. 446. 1. *Chabr.* 12. f. 5. IB. 198. f. Park 552. 1. *Ray* 1555. c. 25.

21. El-hanne *Ægypt.* Alcanna *Avicennæ* Alpin. 20. f. *Veſl.* 47. f. Obſ. 16. *Liguſtrum* Ægypt. anguſtifolium CB. 476. 5. *Chabr.* 41. f. 5. IB. 541. f. Park. 1446. f. 3. *Ray* 1603. 3.

22. *Acacia* Ægyptiaca vera *Nob.* Alpin. 7. f. *Veſl.* 15. f. Obſ. 8. f. opt. *Chabr.* 92. f. 1. & 2. IB. 429. f. Park. 1548. f. 1. *Acacia* fol. *Scorpoidis leguminoſæ* CB. 392. 1. Ray 976. 1.

23. Carub *vel* Carnub *Ægyptiis* Alpin. 4. f. *Veſl.* 9. Obſ. 5. *Siliqua* dulcis CB. 402. 1. *Chabr.* 89. f. 1. IB. 413. f. Park. 236. f. 1. *Ray* 1718. c. 2.

Plantæ Ægypti à D. Lippi obſervatæ; ex *Lutetia* nobis *tranſmiſſæ* à Clariſſimis *Botanicis D. Seb. Vaillant & D. Lud. Stoffelio.*

24. *Sonchus* Ægyptiacus giganteus *Nob.* Bot. *Hort.* 2. pl. 22.
25. *Senecio* Ægypt. fol. *Matricariæ* Bot. *Hort.* 2. pl. 85.
26. Echium *ferox* Ægypt. *flore* carneo *Breyn.* 7. p. 72.
27. *Horminum* Ægypt. *fruticans*, Salviæ folio.
28. Stachys *Ægypt.* ſalviæ minoris *fol.* fl. *purpurafcens.*
29. Linaria *Memphitica*, haſtato *fol.* triculpidato, *fl.* luteo.
30. Raphaniſtrum *Ægypt.* Siliquis recurvis.
31. Geranium *Ægypt.* Altheæ *fol.* glauco cæſio flore.
32. *Fabago* Ægypt. fol. *teretibus* bidigitato.
33. Alhagi *Ægypt.* fol. longioribus, *aculeis* brevioribus.

N.B. Vide *Plantas* alias Ægyptiacas in Petiveriana 11 No. 465. &c.

Ab Autore nuper edita....

1. PETIVERIANA 1, 2 & 3. ſive *Centuria* NATURÆ Domi Foriſque *Autori* Communicata. *Lond.* Fol.
2. Papilionum *Britannicorum* Icones, Nomina, &c. Figuris pluſquam 80. *Tabulis* Æneis incifa. *Londini* MDCCXVII. Folio.
3. Hortus *Peruvianus* Medicinalis: or the *South Sea* Herbal *Fig. Æneis.* Fol.

LONDINI, Sumptibus Autoris, *Platea* vulgò dicta *Alderſgate ſtreet.* MDCCXVII.

Calaf & Bari Ægypt.
Ray H. Plant p. 1424
Fig. 1.

2 Sebesten *Sebastis*

3 Tamarix Arbe Ægypt
Gallifera Ray 1705. 3.

4 *Balsamum* Syriacum *verum*
Balessan Ægyptus
R. 1755 Cap 23.

5 Boabab Ægypt.
Ray 1371. 1.

6 Chate Ægypt
Ray 646 4

7 Abdelavi Ægypt
Ray 645. 4.

8 Kali Ægypt
Ray 1015.

9 Achaovan Ægyptis
Ray 357. 2.

10 Ablus Ægypt.
Ray p. 922. 1

11 Alchimelech
Ægypt.
R. 953.
pl 13

12 Hay alem el macri
Ægypt *Ray 1324. 8.*

13 Sorbiotes Ægyptia
Dioscor.
Ray

14
Felfel tavil.
Ægypt

15 Cyperus Niloticus
Ray 1299
pl 13

16 Papyrus Nilotica
Bauh
Ægypt
Ray
1562

17 *Ray 1272. 3.*
Nymphæa
Cahir
Ægyptus

Ægyptus

1. Guinez Ægypt. RAY 1430. 1.

2. Naba Ægypt. RAY 1634. 4.

3. Agiuddi Ægypt. RAY 1630. 2.

4. Alkaya Ægypt. RAY 1626. 2.

5. Dilg el Chabul Ægypt.

6. Hippomarathrum Ægypt. RAY 459. 4.

7. Kadenbus Ægypt. Eduus

8. RAY 642. 2. Lusa Arabum.

9. RAY 713.

Juda Pyramides.

10. Om al hayen Ægypt.

11. Sisban Ægypt.

12. Sophera Ægypt. RAY 011. 3

13. Casab Ægypt. el Tarizza Humidis. RAY 1022. 4.

RAY 730. 1. Hortis.

14. Arum Ægypt. minus

RAY 920. 2. 3

15. Nymphea Ægyptiaca

16. Zaarhadi.

RAY 1321. 5.

Rhodis

PTERI-GRAPHIA AMERICANA

JCONES *continens plusquam 400* FILICUM *variarum* Specierum, *Viz.* Arboreſcentes, Scandentes, Spinoſas, Floriferas, *aliasque perraras; nec non* Muscos, Lichenes, Fungos, Corallia, Spongias, *aliaq; non pauca* Submarina *Cui adjiciuntur* Cruſtacea, Teſtacea, *aliaque* ANIMALIA *ferè omnia ex* Inſulis *noſtris* Charibbæis *Viz.* Antego, Barbados, *S.t* Chriſtophers, Nevis, Jamaica *&c.* Figuris *Æneis*, Folio *inciſis*, XX Tabulis. A IACOBO PETIVER. *Soc. Regal. S. LOND.*

FILICES Seminibus *maculis rotundis.*

Phyllitides *foliis integris.*

1 Phyllitis *maculata, amplisſimo folio* Tab. 6. fig. 8.
2 . . *breviori & craſsiori folio* 6.1.
3 . . *latifolia, pediculo & coſtâ spinosis* 4.14.
4 . . *folio longo leviter undulato* 6.9.
5 . . . . . *& marginato* 6.10.
6 . . . . . *apice palmato* 6.11.
7 . . . . . *anguſtifolia* 6 3.
8 . . . . . *maculis majoribus* 6.2.
9 . . . . . *lineis maculata* 10.3

Phyllitides *ramoſæ.*

10 . *ramosa, maculis majoribus* 6.13.
11 . . . *minoribus* 6.14.
12 . . *maculata scandens, caulibus squamoſis* 4.15.
13 . . . . . *anguſtifolia* 4.16.
14 . *mac. 5 folia, pediculis squamoſis* 4.13.

Polypodij *seu* Filices *pinnis alatis.*

15 Polypodium *maximum* 7.8.
16 . . *auriculatum* 7.5.
17 . . . *pentaphylloides* 7.6.
18 . . . *trifoliatum* 7.3.
19 . auritum *majus, lacinijs criſpis* 7.7.
20 . . *tricuspidatum, oris piloſis* 7.4.
21 . *scandens* Quercus *folio, caulibus Lycopodij* 15.2.
22 . *minus vulgaris facie* 7.9.
23 . . Aſplenij *folio* 1.14.
24 . . . . *brevi pendulum* 1.15.
25 . . . . *criſpo, pendulum* 13.12.
26 . . . . *villoso* 7.16.
27 . *longifolium, radice dulci* 7.10.
28 . . *maculis minoribus* 7.10.
29 . . *squamulis argenteis* 7.11.
30 . *criſpum* Struthionis *pennis* 3.8.
31 . Lonchitidis *folio* 7.14.
32 . . . *undulato minus* 1.16
33 . . . *anguſtiſsimo pendulum* 14.1.
34 . *vulgare, summo triſido* 15.3.
35 . Taxi *folio pendulum* 14.1.
36 . *pendulum subtus pilosum* 12.3.
37 . *serratum majus, coſtâ alatâ* 7.13.
38 . *minus, fol. integris & serratis* 14.2.

Filices *ramoſæ* Fœminæ *dictæ.*

39 . ramosa, *aculeata repens* 4.6.
40 . . . *piramidalis, pinnis parvis* 4.12.
41 . . arboreſcens, *pinnis dentatis* 1.1 & 2.
42 . . . . . *latis caudice spinoso* 4.1.
43 . . Cicutæ *foliis* 2.8.
44 . . globulifera *major* 2.11.
45 . . *pinnis dentatis, caule piloso* 4.9.
46 . . . . . *& coſtis hirsutis* 2.7.
47 . . . . arboreſcens *caudice & caule ſpinoſis* 4.7.
48 . . . . . *humilis & spinosa* 4.8.
49 . . . *latis laceratis* 3.13.
50 . . . . *gladiatis, caudice ſpinoso* 5.1.
51 . . *furcata* Taxi *foliis* 5.4.

Filices *minus aut non ramoſæ* Mares *dictæ.*

52 . dentata *caule & coſtâ villoſis* 4.10.
53 . pinnis *aculeatis* 1.6.
54 . . acutis *planis majoribus* 2.1.
55 . . . . *minoribus* 2.2.
56 . . . . *parvis* 2.3.
57 . . . . *ad alas foliosa* 5.5.
58 . . *latis summo dentatis* 2.10.
59 . . . . . *apice piramidali* 2.13.
60 . . *rotundis planis* 1.5.
61 . Taxi *foliis major* 2.5.
62 . . . *minor* 2.6.
63 . *mas* Enſiformis *major* 1.3.
64 . . . *vix serrata* 1.4.
65 . . Betonicæ *folio* 1.7.
66 . . . . *vix serrata* 7.15.
67 . . *auriculata, serris bifidis* 2.9.

Filiculæ *seu* Filices *minores.*

68 Filicula *Rutaceo folio* 1.12.
69 . *pinnis planis, caule hirt°* 4.11.
70 . . *dentatis, caule squamoso* 9.6.
71 . . *lunulatis* 3.15.
72 . *alis inferioribus pendulis* 1.9.
73 . . . *auriculatis* 1.8.
74 . . *laceratis, tota transluscens* 3.14.

Trichomanes *pinnis ſimplicibus.*

75 Trichomanes, *folio cordato* 1.11.
76 . . *triangulo dentato* 1.10.
77 . argenteum *ad oras nigrum* 9.16.

Adianti *pinnis ferè angulosis & membranaceis.*

78 Adiantum *ramosius repens spinosum* 11.5 & 6.
79 . . frutescens, *pinnis subrotundis* 5.12.
80 . . altiſsimum *pinnis globuliferis* 2.12.
81 . . alis *longis criſpis* 5.13.
82 . . *pinnis* Quercinis *ramis villoſis* 4.5.
83 . mas, *caule squamoso* 5.3.
84 . . . & *pediculo pulverulento* 5.7.
85 . . pinnis *acutis* 5.9.
86 . . . *subrotundis* 5.10.
87 . . . crispis, *lunulis albicantibus* 5.11.
88 . . . *speciosis* 5.14.
89 . Trichomanoides *summo crenatum* 1.13.
90 . . . . & *criſpum* 10.8.
91 . . pinnis *criſtatis* 5.8.
92 . . . *latis* 5.5.
93 . . alis *radiatis* 14.6.
94 . *pinnis* hexagonis *furcatis* 10.2.

Adiantuli *pinnis clavatis.*

95 Adiantulum *clavis simplicibus* 14.7.
96 . . .capillaceum 10.7.
97 . *clavatum* Crithmi *fol. majus* 5.15.
98 . . . . *minus* 5.16.
99 . . *triphyllum* 11.4.
100 . triphyllum *repens* 11.9.
101 . *membranaceum* Lichenoides 13.5.

Darea *seu* Filices *pyxidatæ.*

102 Darea *ramoſiſsima ſcandens* 12.5.
103 . Filicis maris *facie* 11.8.
104 . Tunbrigenſis *facie* 13.13.
105 . *affinis digitata* 15.5.

FILICES Seminibus *striatis.*

106 Phyllitis *major, margine crenato* 6.7.
107 . *folio, geminato dentato* 13.11.
108 . *ramosa, margine membranaceo* 12.2.
109 . . . & *stryis undulatis* 7.1.
110 Lonchitis *striata* 3.2.
111 . . *auriculata & crenata* 3.1.
112 . . *rameſa, caule ſquamoso* 5.2.
113 Filix *Striata pinnis crenatis, major* 3.3.
114 . . . . *minor* 3.4.
115 Adiantum *striatum, nigri facie* 3.7.
116 . . *alis laceratis* 3.5.
117 . . . . *laciniis* 2.14

118 Adiantum *striatum, carumine bifecto 3. 6.*
119 . . *pentaphyllum, humile 11. 7.*
120 Trichomanes *striatum, vulg. facie 2. 15.*
121 . . *pinnis bifidis. 2. 16.*

FILICES sem. *medio, vel margine striatis.*

122 Phyllitis *angustifolia, lineis catenatis 6. 4.*
123 . lineata, *hinc inde dentata 6. 5.*
124 . . *apice trifido. 10. 6.*
125 . *aspera*, furcis *lineatis 6. 6.*
126 . lineata, *Graminis fol. longissimo 14. 3.*
127 . ramosa, *ad margines pulverulenta 6. 15.*
128 Lonchitis *juxta nervum* pulverulenta *3. 9.*
129 lineata, *pinnis longissimis 6. 12.*
130 . . . . *ad basin foliosa 12. 1.*
131 . *ramosa*, limbo *pulverulento 3. 10.*
132 Filix *lineata* arb. *caudice aculeato 4. 2.*
133 . . aculeata, *apice pyramidali 4. 3.*
134 . . Lonchitidis *pinnis 3. 11.*
135 . . Fœmina *vulg. facie 3. 12.*
136 Adiantum *limbo nigro præcinctum 9. 15.*
137 Trichomanes *argenteum, ad oras nigrum 9. 16.*

FILICES *Pulverulentæ.*

138 Phyllitis *pulverulenta angustifolia, caule crinito 8. 7.*
139 . . . . *& oris crinitis 8. 10.*
140 . . *glabra, & rigida 8. 8.*
141 . . *fol. angustis bifidis 8. 9.*
142 . . *ramosa aurea 8. 5.*
143 . . *nodosa major 6. 16.*
144 . . *nodosa minor 9. 7.*
145 . . *& crinita latissimo fol. 13. 14.*
146 . . . . *longifol. 9. 14.*
147 . . *latifolia villosissima 9. 13.*
148 Hemionitis *max. pulverulenta 5 folia 7. 2.*
149 Lonchitis *pulverulenta scandens* Citrij *fol. 8. 6.*
150 . . Vaniliæ *folio 15. 1.*
151 . . *pinnis Ensiformibus 8. 4.*
152 . . . *vix crenatis 8. 3.*
153 . Calamifera, *pinnis serratis 9. 8.*
154 Osmunda *pulverul. pinnis vix serratis 8. 1.*
155 . . scandens, *sarmentis capillaceis 8. 2.*
156 Filix *albissimo pulvere subspersa 9. 11.*
157 . pulverul. *ramosa*, pinnis *parvis 2. 4.*
158 Filicula *pulverul.* Crithmi *facie 9. 4.*
159 . *pendula, alis digitatis 11. 1.*
160 Adiantum *pulverulentum* aureum *9. 9.*
161 . . *alis bifidâ auritis 9. 10.*

FILICES *in racemulis* Floridæ.

162 Osmunda *racemifera* Phyllitidis *folio 8. 13.*
163 . . . . *vix crenata 8. 15.*
164 . . *spicis geminis 14. 5.*
165 . . . . *villosa 8. 16.*
166 . . *pinnis parvis 8. 14.*
167 . . Adianti *nigri facie 9. 1.*
168 . . Asphodeli *radice 9. 2.*
169 . . . . Matricariæ *folio 9. 2. A.*
170 . . Cicutæ *folio 9. 3.*
171 . . . . *verticillata 12. 4.*

FILICES Miscellaneæ.

172 Filix *spinosa*, sem. *lunulatis 4. 4.*
173 . *Conifera* scandens, *pinnis varijs 9. 12.*
174 . *macul.* scandens, *fol. rotund. & longis glabris 15.*
175 . . . *fol. ovalibus & longis pilosis 10. 5.*
176 . *marginifera*, Granij *folio 8. 12.*
177 . Ranunculi *folio, prolifera 8. 11.*
178 Ophioglossum *Palmatum 11. 2.*
179 . vulgaris *facie 10. 4.*

MUSCI, Lycopodij, Hepaticæ &c.

180 *Muscus* denticulatus *erectus 10. 5.*
181 . . *repens 12. 6.*
182 . *max.* Linariæ *foliis 16. 4.*
183 Lycopodium *altissimum 3. 16.*
184 . Coridis *fol. flagellis longis 16. 3.*
185 . *erectum*, Sabinæ *folio 16. 2.*
186 . *ramosissimum* crispum *16. 1.*
187 Hepatica *capite palmato 15. 6.*
188 . *digitata* Fungoides *11. 3.*
189 Lichen *cornua* Damæ *referens 16. 6.*

Agarici, Boleti Fungi, Tuberæ &c.

190 Agaricus *amplissimis squamis 17. 3.*
191 . *cinereus & sericeus 17. 15.*
192 . *luteus* Clypeiformis *transfixus 16. 13.*
193 . *niveus* Brassicam crispam *referens 13. 6.*
194 . *Roseo-niveus, striis aureis rugosus 17. 2.*
195 Boletus *cancellatus purpureus 17. 11.*
196 . Phalloides, *pilicolo villoso 17. 9. G. H.*
197 . . *rugosus, pedic. fistuloso 17. 10. I K.*
198 Coralloides *fusca & laciniata 16. 14.*
199 . *ramosissima purpurascens 16. 15.*
200 Fungus *aureus laciniatus 17. 7. E*
201 . coccineus, *squamosus & globosus 17. 4. A B.*
202 . crenatus, *tenuissimus & niveus 17. 6. D.*
203 . striatus *totus niveus 17. 5. C.*
204 Fungoides *Cyathiforme* coccin. *oris pilosis 13. 8.*
205 . . candidum, *intus villosum 17. 4.*
206 *id.* purpureum *16. 16.*
207 . *reticulatum* Flabelliforme *17. 8. F.*
208 . *rugatum* Infundibuliforme & *purp. 13. 7.*
209 . scutellatum *purp. deforis villosum 15. 10. & 17. 5.*
210 Lycoperdon *coronatum 17. 12. L M.*
211 Tubera *candida mollia 17. 14. N. & 13.*
212 . Testiculorum *forma, majora 16. 17.*
213 . . . *minora 13. 9. 10. A.*

SUBMARINÆ *viz.* Corallij, Spongiæ, Fuci &c.

214 Corallium *album, nodulosum 18. 5.*
215 . . stellatum, *ramosum 18. 4.*
216 . . Fungoides, *ovale 20. 16.*
217 . . . *crispum 20. 17.*
218 . . *virgulis minoribus 18. 6.*
219 . porosum, *latum planum 18. 13.*
220 . . . *muricatum 18. 7.*
221 . . Typhoides *muricatum 18. 18.*
222 . . . *stellulatum 20. 15.*
223 . Roseum *fossile 20. 20.*
224 . rubrum *crispum 16. 9.*
225 *Alcyonium* Cornu Cervi *referens 16. 8.*
226 *Asteria* Coralloides, *stellis maximis 18. 2.*
227 . . . *majoribus 18. 3.*
228 Lithophyton *Polypodij ramosi* facie *16. 7.*
229 Madrepora *cristata urens 16. 10.*
230 Millepora *perforata 20. 18.*
231 Spiculum *Barbadense* Lapideum *20. 21.*
232 Epicorallum *reticulatum vulg. 18. 8.*
233 . virgulis *punctatis & asperis 18. 11.*
234 . . *alatis 18. 12.*
235 . . muricatis *majoribus 18. 9.*
236 . . . *minoribus 18. 10.*
237 Spongia *dura, compressa foraminosa 18. 14.*
238 . Typhoides *foraminosa 18. 19.*
239 . . ramosa *19. 1.*
240 . . . apicibus *cavis 19. 2.*
241 . . . . *acutis, furvis 19. 3.*
242 . . maculata *19. 8.*
243 . . muricata & *ferè cava 19. 9.*
244 . . *ramosa* & nodulosa *19. 5.*
245 . . fibrillis *reticulatis 18. 20.*
246 . . . . *cava longa 18. 21.*
247 . foliata *aspera 19. 4.*
248 . Infundibuli *formis 19. 6.*
249 . Labri *formis 19. 7.*
250 *Corallina* Opuntioides *minor 20. 19.*
251 *Muscus* marinus *pennatus 14. 4.*
252 . . triangulâris *18. 15.*
253 . frutescens, *fructu tricapsulari 16. 11.*
254 Sargazo *dentata vulg. 16. 12.*
255 . . *longifolia 19. 10.*
256 . . *latifolia 19. 11.*
257 . . *angustifolia 19. 12.*
258 . *angustifolia* plana *19. 13.*
259 Fucus *vesiculis alatis 18. 17.*
260 . vesicarius, *summo planis 18. 16.*
261 Ovarium *JAM. vesicis rot. compressis 18. 1.*
262 Vesicaria *coronâ serratâ 17. 1.*

ANIMALIA Crustacea, Testacea, Insecta &c.

263 Perca *BARBAD. costâ lineatâ 2, c 3.*
264 Lacerta *BARB unguibus fuscis 20. 1.*
265 . Cæciliæ *facie 20 2.*

366 Cancellus *BARB. brachijs tuberculosis 20. 4.*
367 . . *quadratus 20. 5.*
368 . . rugosus, *pedibus hirtis 20. 6.*
369 . . ruber, *lævis 20. 7.*
370 . . muricatus, *compressum 20. 8.*
371 . . *Arancoides 20. 12.*
372 *Mantis* marina *BARBADENSIS 20. 10.*
373 Squilla *BARB. ovalis 20. 9.*
374 Araneus *BARB. parvus, pedib. maculosis 20. 13.*
375 Capricornus *BARB. scaber, fuscus 20. 14.*
376 Cochlea *BARB. compressa, minor 14. 13.*
377 . IAMAIC. *verruculata 10. 9. 10.*
378 . . umbilico *patulo 14. 11.*
379 . . ore *tridentino 14. 14.*
380 Fibula *IAMAICENSIS 14. 12.*
381 Nerita *BRASIL. alba, radijs coracinis 15. 12.*
382 . . . vndis *nigris 15. 13.*
383 Buccinum *BARB.* minus *prætenue 12. 10.*
384 Olivaris *IAM. strijs* capillaribus *10. 12.*
385 . . . *vndatis & radiatis 12. 9.*

386 Clavicula *BARB.* ore *pulvinato 10. 11.*
387 Rhombus *BARB. fasciâ* albidâ *12. 7.*
388 Sphondylus *IAM. tessellata 12. 8.*
389 *Tridacna* Campeach. *parva perelegans 15. 11.*
390 Ichneumon *max. tripile 13. 1.*
391 . *major* caudâ *lunatâ 13. 2.*
392 . *affinis,* antennis *clavatis 13. 3.*
393 . . . *acutis 13. 4.*
394 . alis *maculatis 11. 10.*
395 Musca *Apiformis* major *11. 12.*
396 . . *minor 11. 13.*
397 . . *minima 11. 11.*
398 . alis *nubulosis 12. 12.*
399 . . . anten. *acutis 12. 14.*
400 . . . *minor 12. 11.*
401 . . . *minima 12. 15.*
402 . . . ano *acuto 12. 13.*
403 *Vespa* impennis *è crocco nigro 11. 14.*
404 . . *minor 11. 15.*
405 Scolopendria *BARB. prælonga pedibus plumosis* 17.13
406 Perla *major 15. 7.*
407 . . *maculis vitreis 14. 10.*
408 . *cornubus clavatis 15. 9.*
409 . *triangularis 14. 9.*
410 . . *maculis vitreis 14. 8.*

411 Musca *alis opacis & vitreis 15. 8.*
412 Cochlea *IAM. ore lacerato x. 13.*
413 *Filix* Androgynus, *maculatus 9. 5.*
414 *Muscus marinus dentatus 14. 4.*

Cochleæ *AMERICANÆ in Museo Nostro, quarum ICONES in Gazophylacio NATURÆ non Figurantur.*

415 Pecten *IAM.* strijs *lævibus Mem. 1 List. 168.*
416 P. Anteg. *minor,* undis *fuscis.*
417 P. *BARB. albus minor,* strijs *lunulatis M. 3. L 177.*
418 P. *B. alb. min.* str. *squamosis M. 4. L. 176.*
419 *Sphondylus* Amer. *max. ruber*
420 *S. BARB.* rugis *minoribus M. 5. L. 215. 50.*
421 *S. B.* rug. *major. sulcatus M 6. L. 215. 51.*
422 *S. Amer.* rostro *interne dextro M. 7.*
423 *S. Amer* rostro *int. sinistro M. 8.*
424 *Berberi IAM. auritus L. 224. 59.*
425 *B IAM. tenuis M 9 L. 223. 57. & 8.*
426 *B IAM. cardine serrata L 227.*
427 *Glycimeris IAM striatus percrassus M 13. L 238.*
428 *G IAM. leve striatus M xi L 240.*
429 *id. minor maculatus L 245.*
430 *G. BARB. min. striat. maculatus M 12 L. 243.*
431 *Mytulus IAM.* albus *crassus L. 236.*
432 *M. I.* alb *tenuior L 229.*
433 *M. I.* quadratus *vulg. M 16. L 368.*
434 *M. I.* quadr. *min fuscus M 17. L 367.*
435 *M. BARB.* ovalis *fuscus M 14. L. 231.*
436 *Lunata* Anteg. *lævis mac. pene 4 dratis L. 270.*
437 *L. IAM. albida, leviter fasciata L. 273.*
438 *L. IAM. major. fascijs dense elatis M 21. L 286.*
439 *L. IAM. maj.* fasc. *plurimis tessellatis M. 22.*
440 *L. BARB. minor* tessellata *M. 18.*
441 *L. BARB. min* fasc. *rarior. elatis M 19.*
442 *L. BARB. min* fasc. *plurimis elatis M 20 L. 278.*
443 *L. BARB. min.* fasc. *latis & elatis.*
444 *Bucardites MARIANA lævis. H. Iones.*
445 Tellina *cuneata* Anteg. *fasc. & undata* T. Grigg.
446 *Tectunculus IAM. ex toto lunulatus M. 25. L. 323.*
447 *P. BARB.* Compressus, *lævis, intus flavus. T. Walduck*
448 *P. AMER.* Compr. *albus dense* fasciatus.
449 *P. AMER.* Compr. *eleganter* imbricatus *M. 26.*
450 *P. BARB. Cancellatus M. 27. L. 337.*
451 *P IAM. minor, quasi* cancellatus.
452 *P. AMER. cavus,* strijs *undatis.* *Carter*
453 *P. BRASIL. alb.* undis *capill. majoribus M. 23. CAP 17.*
454 *P. IAM. rubesc.* undis *capill. tenuissimis M. 24. C. 18.*
455 *P. IAM.* triquetrus, *mac. fuscis L. 316.*
456 *Turriculus* Campeach. *strijs crassis M 28. L. 347.*
457 *Chama IAM minor compr. rubra M 30.*
458 *C. IAM. min.* radiata *fragilis* W. Brown.
459 *C. IAM. alba splendens,* radijs *rubris* Car. 12.
460 *C. alba* fasciata *tenuis* Car. 9 *L. 308.*
461 *C. CAR. tenuis.* cuneâ *costatâ.*
462 *C. alba,* cuneata, *fasciata CAR. 11.*
463 *C. alba* cuneata, *radijs rubris* *Stratten*

464 *C. alba* cun. *undis fuscis G. Searl.*
465 Musculus *striatus minor,* cardine *serrato L 365.*
466 *M.* striat. *min.* rostro *acuto, latior L. 362. 201.*
467 *id. longior L. 362. 202.*
468 Pholas *Virginiana L. 434.* Car. *21.*
469 *P.* Campeach. *&c. cardine foraminoso L. 432.* Car. *20.*
470 *P. CAR. & c.* card. *ferè bidente L. 431.* Car. *22.*
471 *Solen* Marianus *latus L 421. Car. 13.*
472 Curaßavicus *latus,* radijs *binis albis* H. Ruysch.
473 Buccinum *minus* Anteg. *fascijs nigris M. 17.*
474 Cochlea *IAM. alba, crassa M. 2. L 571.*
475 *C. IAM. flavicans, crassa M 3 L. 560.*
476 *C. aure magno fusco CAR. 29.*
477 *C. aurita.* fascijs *catenatis CAR. 28.*
478 *C.* Amer. *undis flavis M. 4.*
479 *C. IAM. verrucis fasciata M. 10.*
480 *Nerita* Amer. *e nigro & rubro undata M 12.*
481 Trochus *IAM. minor alte umbilicatus M 22.*
482 *T. IAM. min. marmoreus M. 23.*
483 *T. IAM. maj. costis sinuosis, &c M 20. L. 646.*
484 *Vermiculus BARB. tortilis fuscus.*
485 *Patella Amer. alba rugosa M. 3.*
486 *P. rostrata* Barb. *alba crassa rugosa L 544. 31.*
487 *P. rostr. Barb. cancellata parva M. 6.*
488 *Concha Veneris* Virg. *ventre flavesc. &c. M. 14.*
489 *Cylindraceus Amer. albus parvus M. 28.*
490 *C. BARB. vulg. undis marmoratis M. 19.*
491 *Olivaris IAM. fascijs eleg. maculatis &c M. 23.*
492 *Persicoides IAM. maculatus M. 29.*
493 *P. Barb. fasciatus M. 26. L 834.*
494 *P. Barb. fuscus M. 27.*
495 *Buccinum BARB. dent. fascijs nodosis M. 32.*
496 *B.* Campeach. *fasciatum crassum M. 13.*
497 *B. IAM. fasciatum tenue M. 14.*
498 *B. IAM. triangulare M. 15.*
499 Murex *bilinguis IAM. vulg. M. 3.*
500 *M. IAM. varie spinosus M. 7.*
501 *M. AMER. valde rugosus M. 8.*
502 Buccinum *ampullac. &c. muricatum minus CAR. 33.*
503 Bursa *IAM. vulg. imbricata M. 20.*
504 *Perdicea IAM. vulg. M. 21. L. 984.*
505 *P. IAM. nodosa M. 22 L. 989.*
506 *Unicornu AMER. muricatum M. 25.*

Explicatio Liter. &c.

CAR. Acta Philosoph. *Reg. Societ. LOND. N.° 299.*
L. Lister *Hist. Conchyl.* Tabular. *N.°*
M. Memoirs *for y^e* Curious *A. D. 1708. p. 97. &c.*

C.41.

FIG 1&2
In moist shady Woods and by Rivers

a

C.41.

6 foot high In Woods.

3 C.63.

Common

About 4 foot high.

C.64.

4

C.60.

5

In Woods.

C.53.

6

In Woods.

7 C.65

In Woods.

8 C.73.

Rare.

C.72.

9

In Woods.

C.76.
10

In Woods.

C.75.
XI

Moist Shades

C.68.
12

In Woods.

13
C.89.

JAM.

In moist Woods and by Rivers.

C.23.
14

15 C.24.

It hangs down from old Trees

By Rivers

16
C.32.

TAB. II.

C.54.
Fig. 1

C.55.

In Shady Woods & by Rivers
2

Common
C.56.
3

On Mountains
4 C.57.

Frequent
on Mountains
5. C.61.

On diverse Mountains
6. C.62.

In moist
Woods
C.70.

In
Woods.
C.43.
8

In
Woods.
9

10 C.58. In Woods

By Rivers &
in moist
places.
11 C.44.

JAM
By Rivers
Man high
C.80.
12

C.67.

By Rivers C.59.
13

C.
117.
14 In watry Rills &
Mossey places.

In Rock-chinks
15. C.120.

16. C.121.

S Nicholls sculp.

On Mountain tops.

FIG. 1.

C. 111.

R3. p. 67.

JAM.

Comon

By Rivers & wet Woods.

C. 110. 2

In Woods. 4 or 5 foot high.

C. 113. 3

In Woods.

4 C. 114.

In Woods.

In Woods 1 foot & ½ high

C. 116. 5

On Mount tops

C. 118. 6

On Moss beds

7. C. 115.

RARE

8. C. 30.

R3. p. 66. pl. 2.

In many WOODS.

JAM.

C. 128. 9

JAM.

on Mountains.

C. 131. 10

BARBAD IAMAICA.

Comon in dry Stoney places

12 C. 135.

In many places JAM.

11 C. 134.

RARE

R3 p. 92 pl. 2.

C. 49. 13

RARE.

14. C. 74.

F5 p. 44

RARE.

In Woods

15. C. 71.

F 165. B.

16. C. 183.

TAB IV

FIG. 1 & 2

Ray V. 3. p. 91. 3.

In Woods plentifully

C. 42.

C. 132. 2

F. 14. p. 12.

By Rivers 3 C. 133.

RARE in Vales

4 C. 172.

By Rivers.

5 C. 82.

RARE

C. 39. F. 12 p. 11. 6

RARE.

F. 3 P. 4

C. 4 7

F. 4 P. 5

RARE

JAM

In Woods

8 C. 48.

R. 3 p. 97. 2.

JAM.

By Rivers in plenty

9 C. 45.

10 C. 52.

F. 3. P. 97. 3.

Often in Woods

C. 69. 11

RARE

C. 40. 12

In all Woods.

BARB JAM

RARE

In Woods 13 C. 14.

C. 3. 14

RAY 3. P. 53. 15 C. 12.

Often in Woods 16 C. 13.

TAB. V.

RAY 3. p. 92. 1.

FIG. 1. C. 50.

RARE in WOODS.

C. 112. 2

In WOODS.

C. 83.

3 RARE.

JAM.

4 C. 51.

R3. p. 100. pl. 2.

JAM.

C. 57. * RARE 5

C. 92. 6

In Woods.

C. 84. 7

RAY 3. p. 61.

8 C. 91.

In divers places

R3. p. 100. 9 C. 85.

JAM.

R3. p. 88. Comon In WOODS.

C. 86. 10

By Rivers

C. 87. 11

In WOODS.

C. 79. 12

In Woods. C. 81. 13

JAM.

By Rivers

C. 88. 14

C. 97. 15

In Woods.

C. 98. 16

Sutton Nicholls ...

TAB. VI.

FIG 1.
Cat 2.
On Hills

a

C. 8. 2
In Woods.

About Lakes
3. C. 7.

*
Rare
On Rocks
& Trees

4. C. 122.

On moist Rocks

Ray 3. p. 52. 15.
Rare
C. 123.
5.

*
Rare
In Woods

C. 125.
6

7
In many places
C. 100
Ray 3. p. 52. 13.

Common
In Woods
& C.

9
C. 4.

In Woods

10
C. 5.

On Trees
Comon
Ray V. 3. p. 52. pl. 16.

*
Rare

C. 6.
xi

Ray Vol. 3. p. 65. pl. vlt

Frequent by Rivers

12. C. 129.

Ray 3. p. 73. pl 3.

13. C. 10.

Ray Vol. 3. p. 73. pl. 4.
Jam.

By Rivers
C. 11.
14

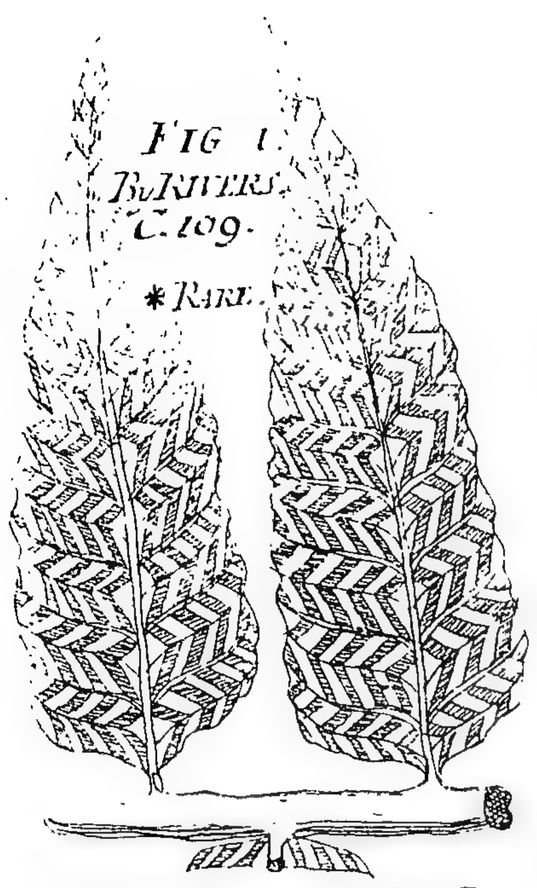
In moist places

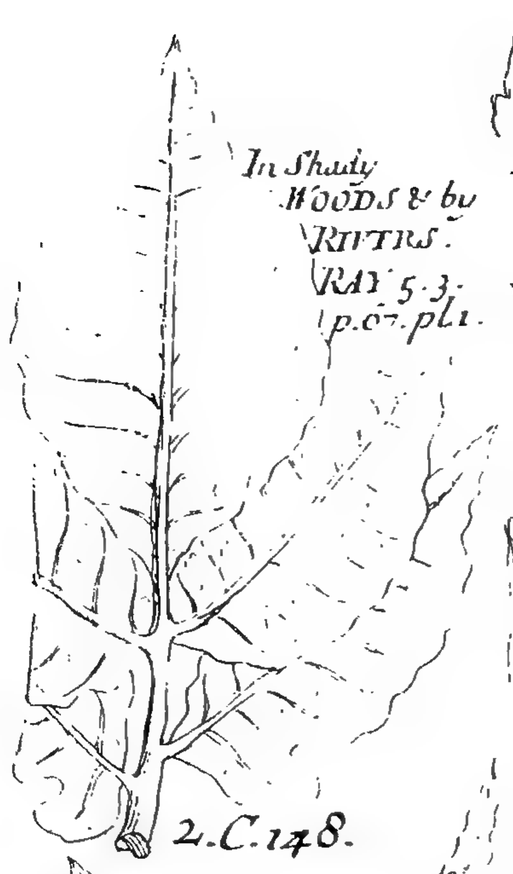
R. 3. p. 64. pl. 1.
15. C. 127.

In Shady Woods
& moist
places
C. 143.
16

Ray v. 3. p. 63.

Sulton Nicholls sculp



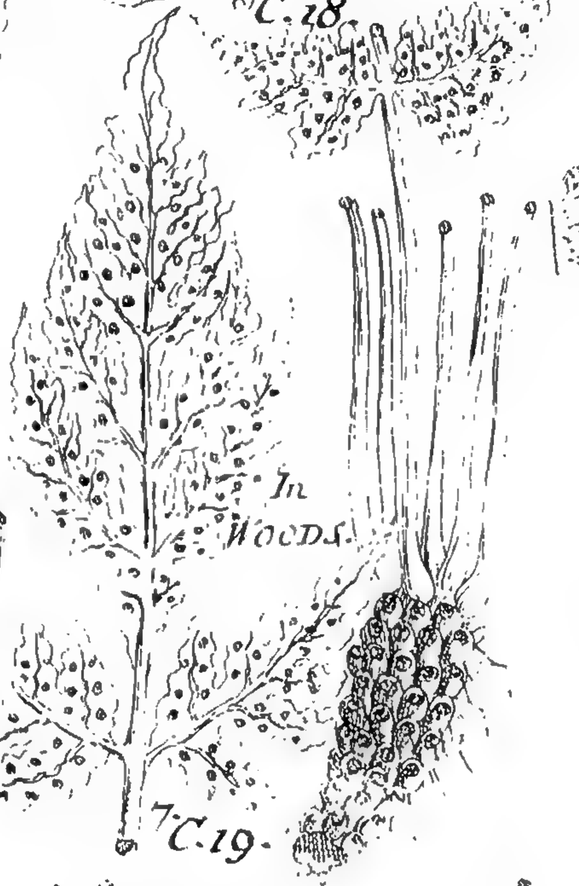






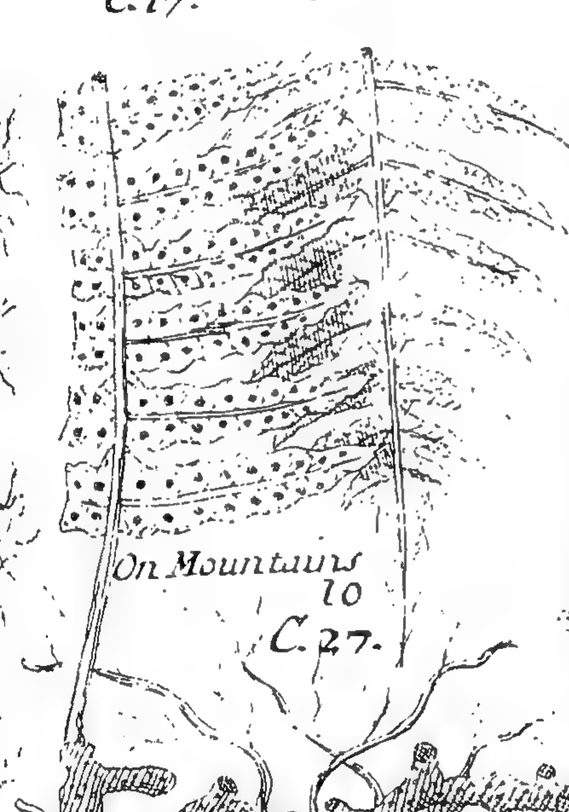


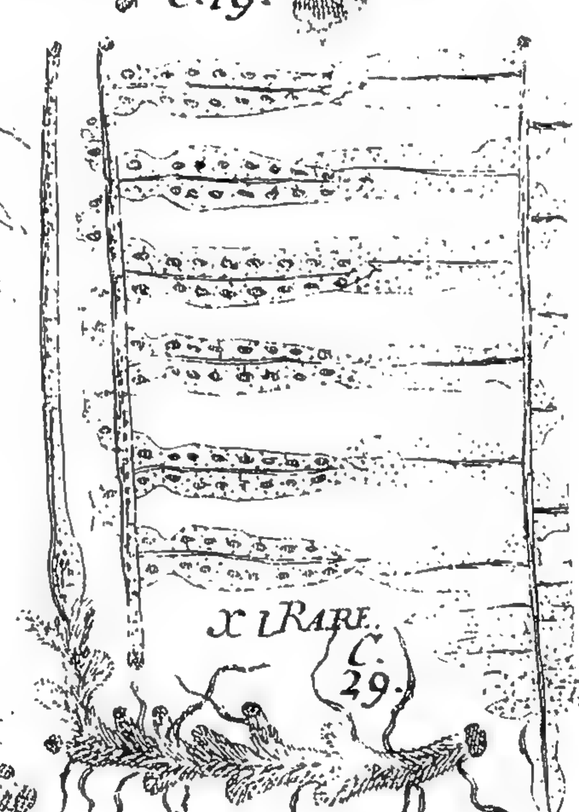


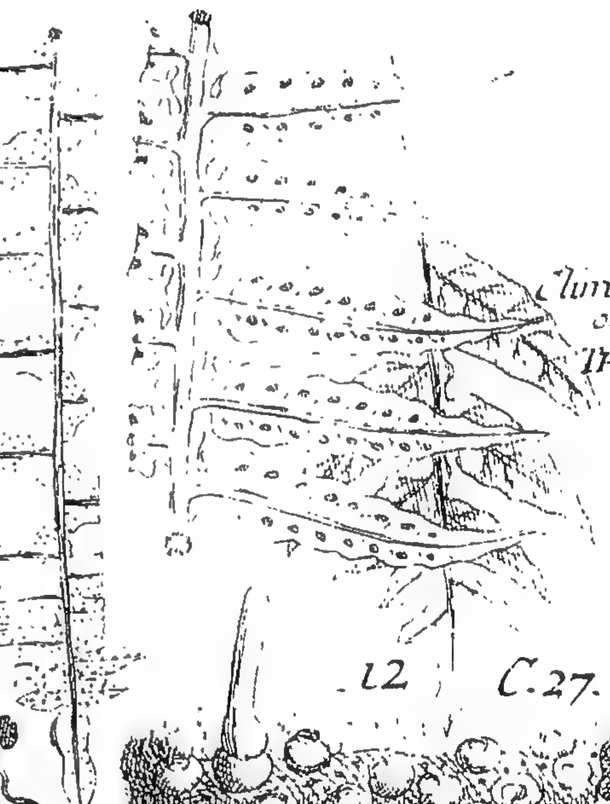


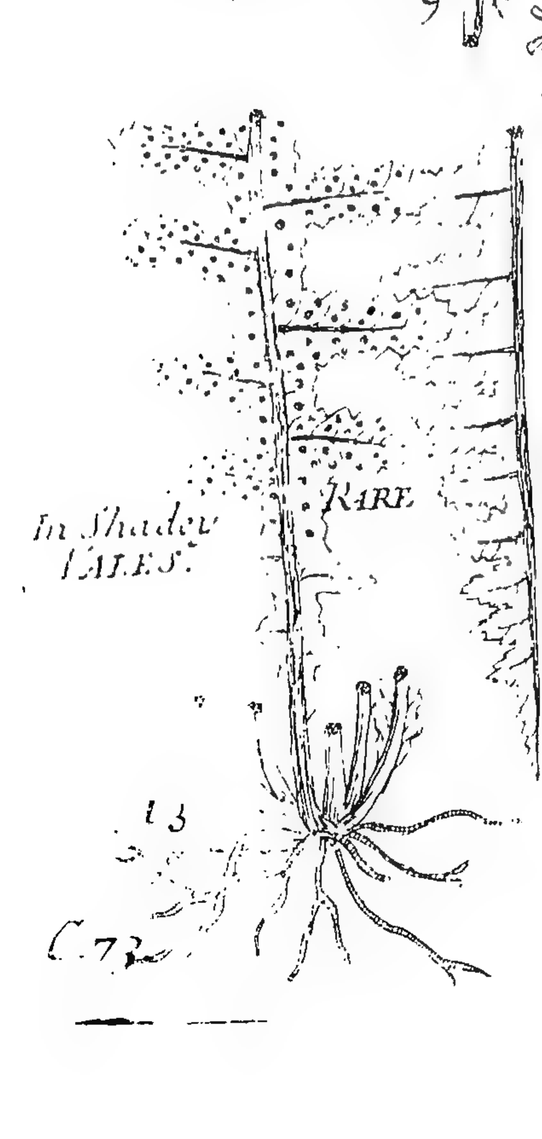


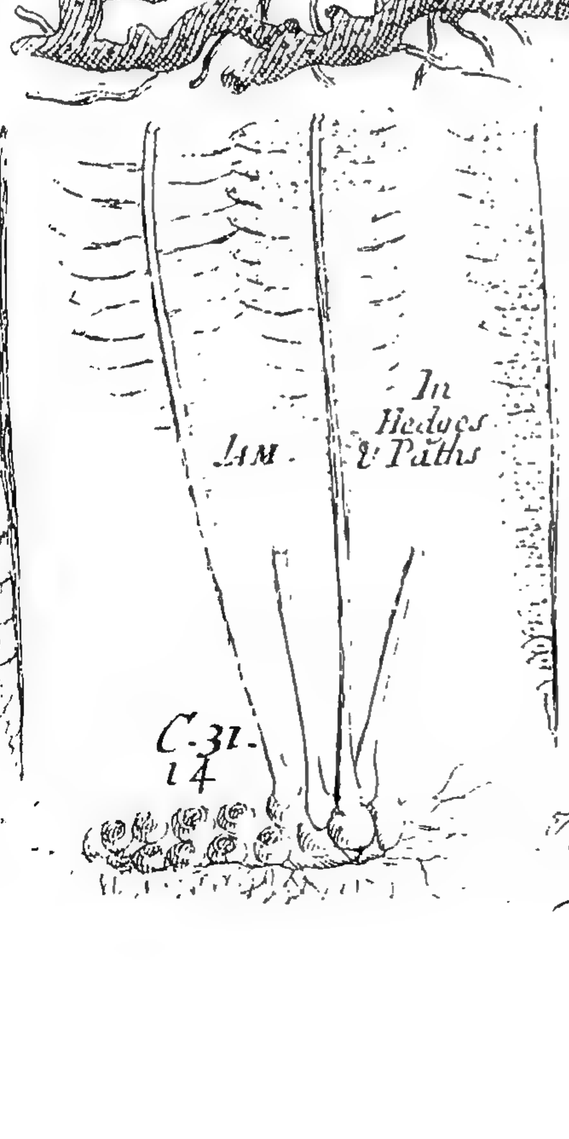




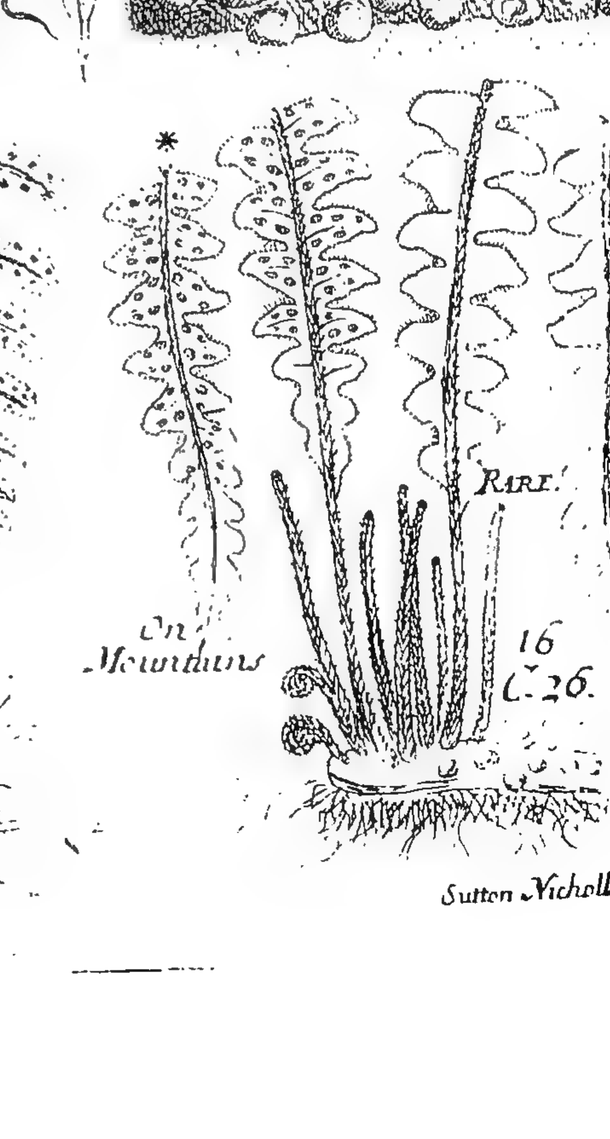






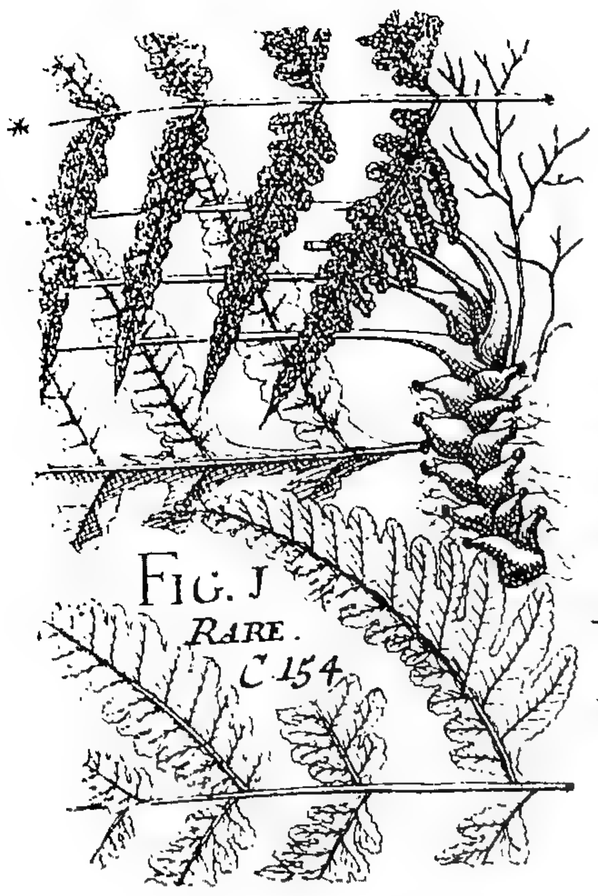




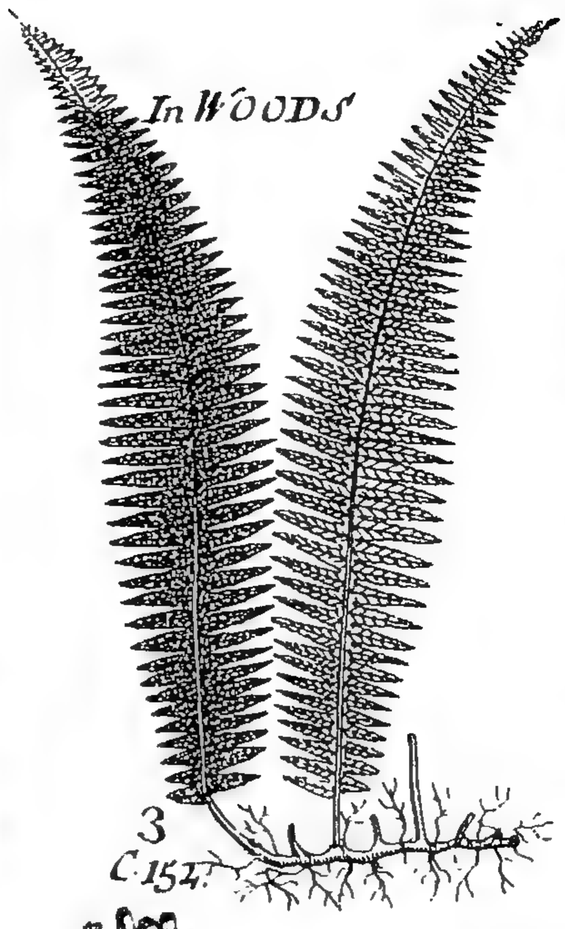


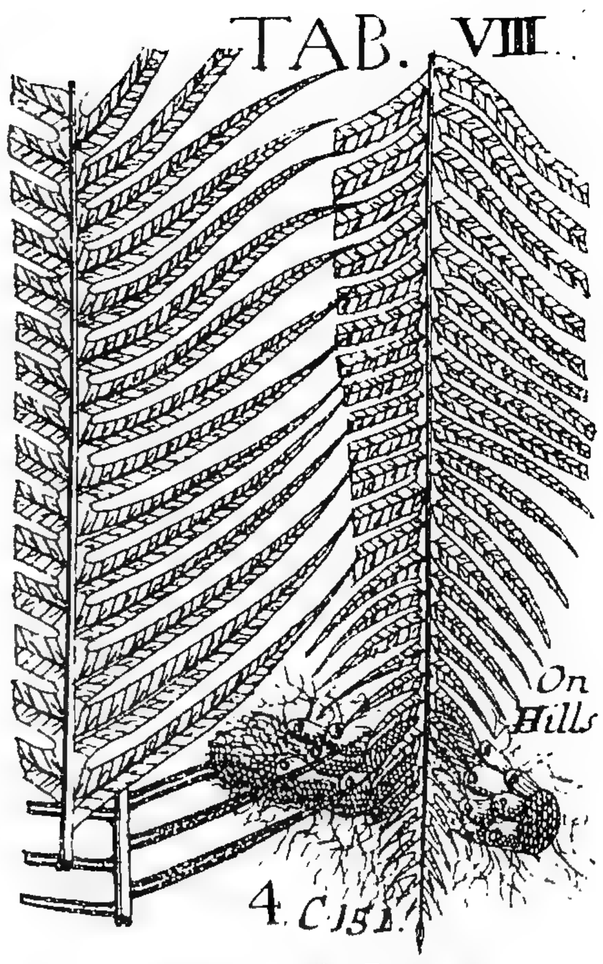
Sutton Nicholls sculp

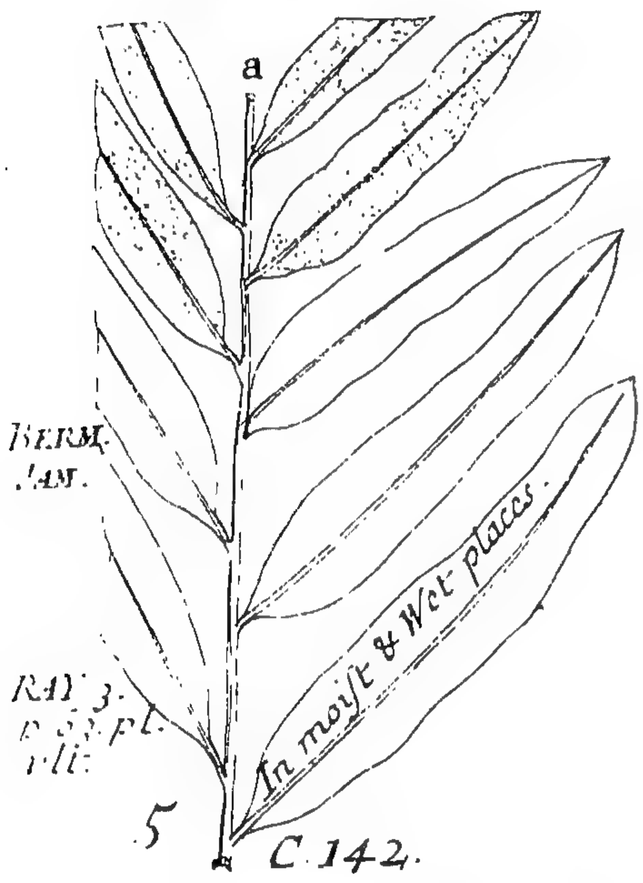
TAB. VIII.

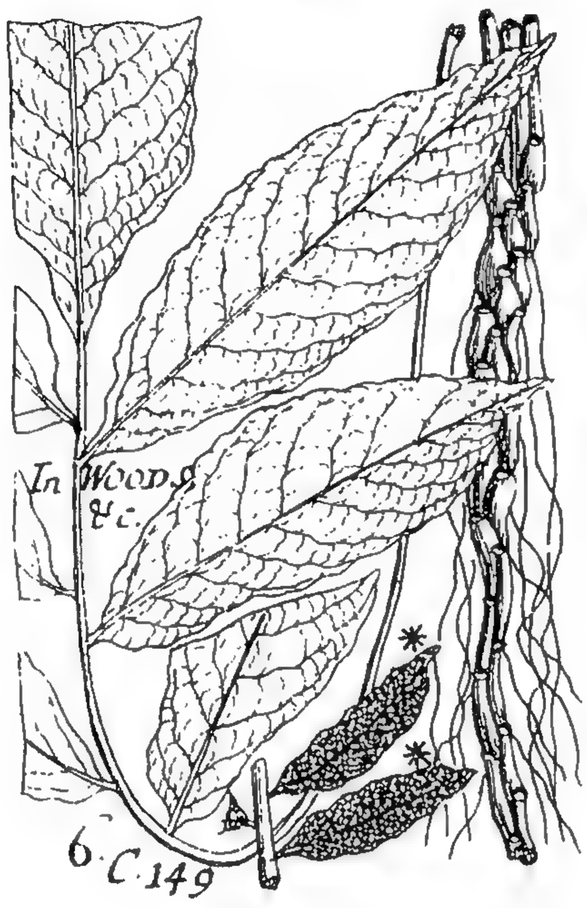

Fig. 1
Rare.
C. 154.

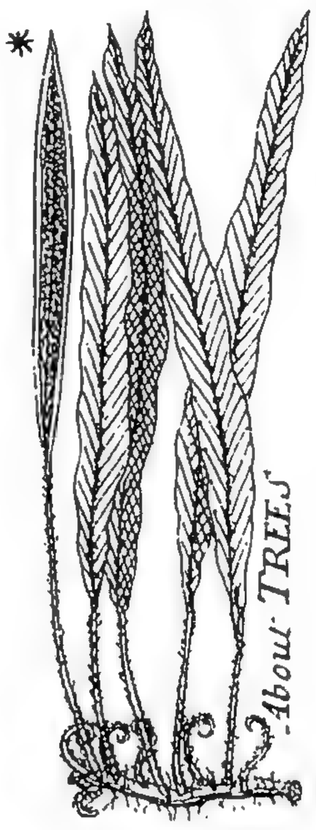

a
Runs about Trees.
C. 155
2

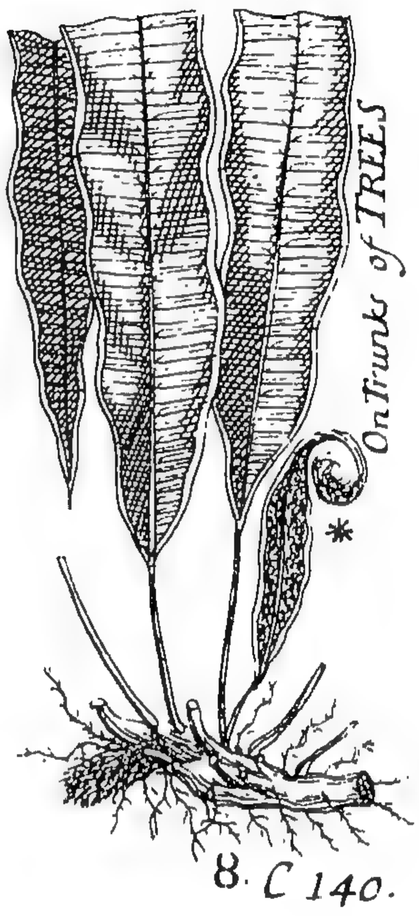

In Woods
3
C. 154.

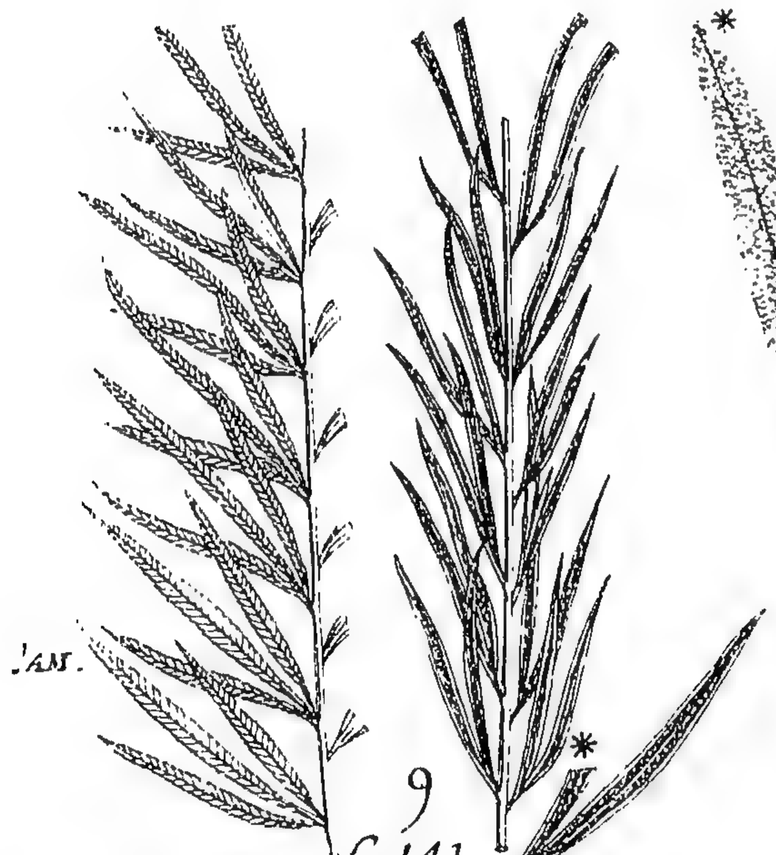

On Hills
4. C. 151.

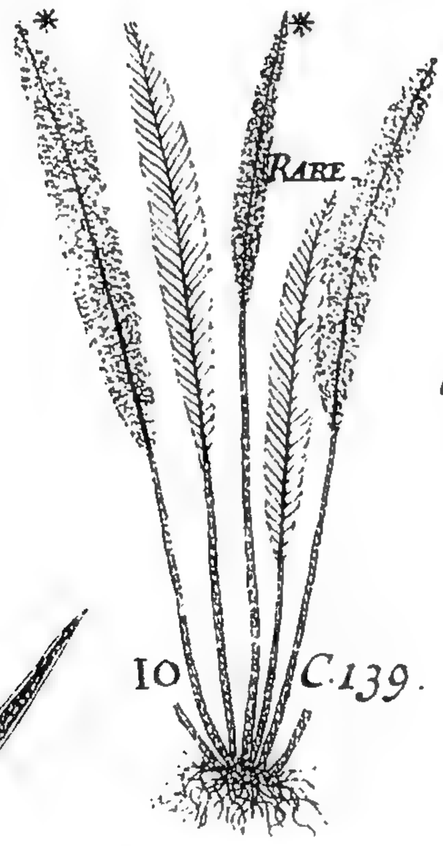

a
Berm. Jam.
In moist & Wet places.
5
C. 142.


In Woods &c.
6. C. 149


About Trees
7. C. 138.

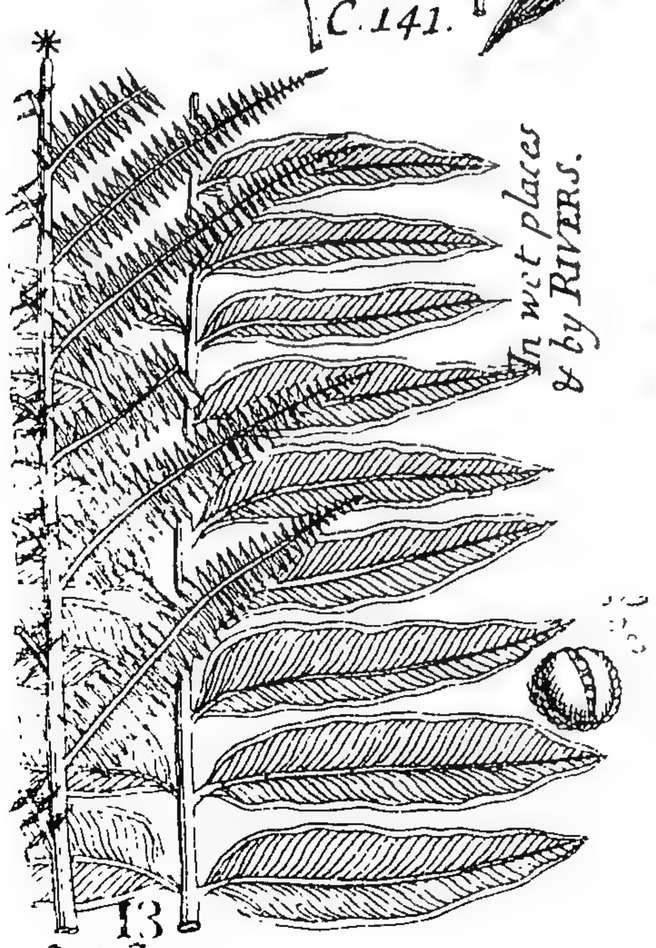

On Trunks of Trees
8. C. 140.

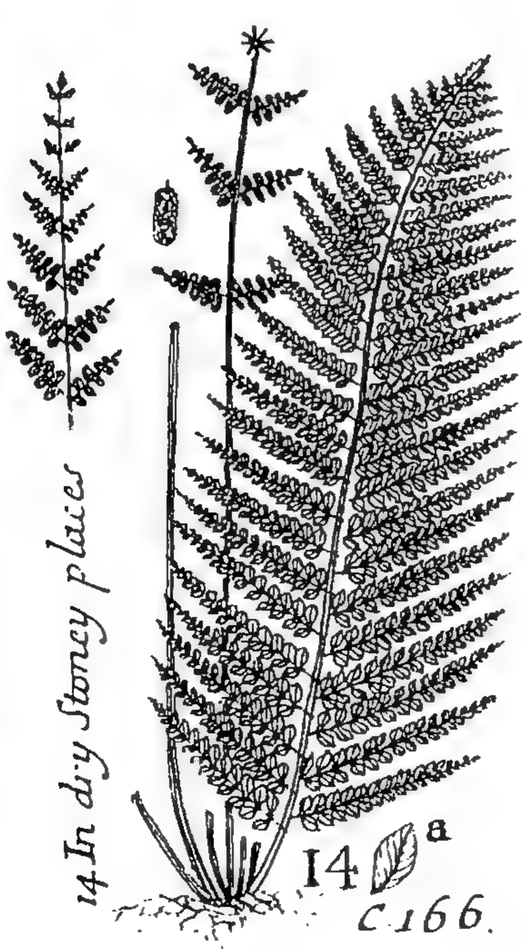

Jam.
9
C. 141.

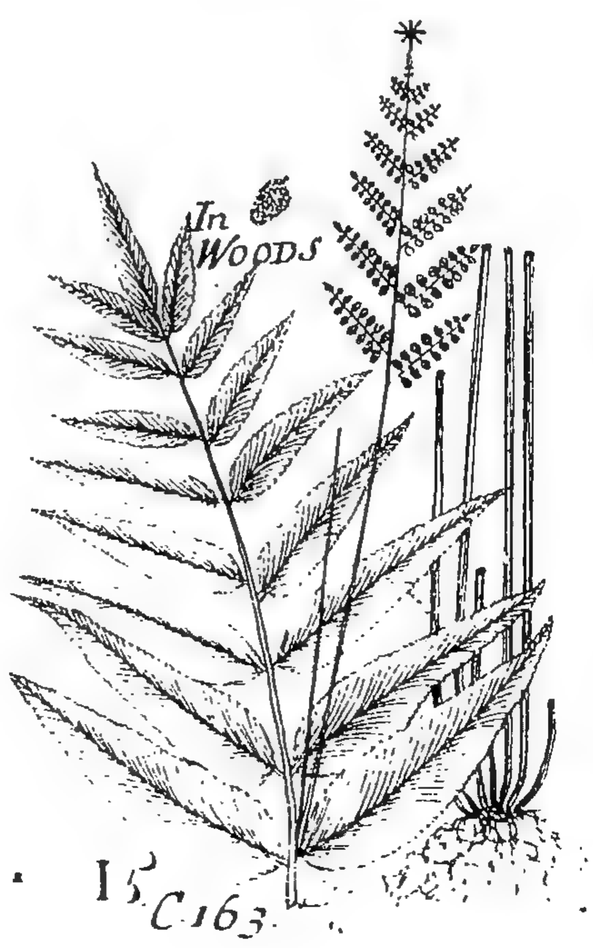

Rare
10 C. 139.


On Rocks In Woods
Jam.
11. C. 177.


In Woods.
12
C. 176.

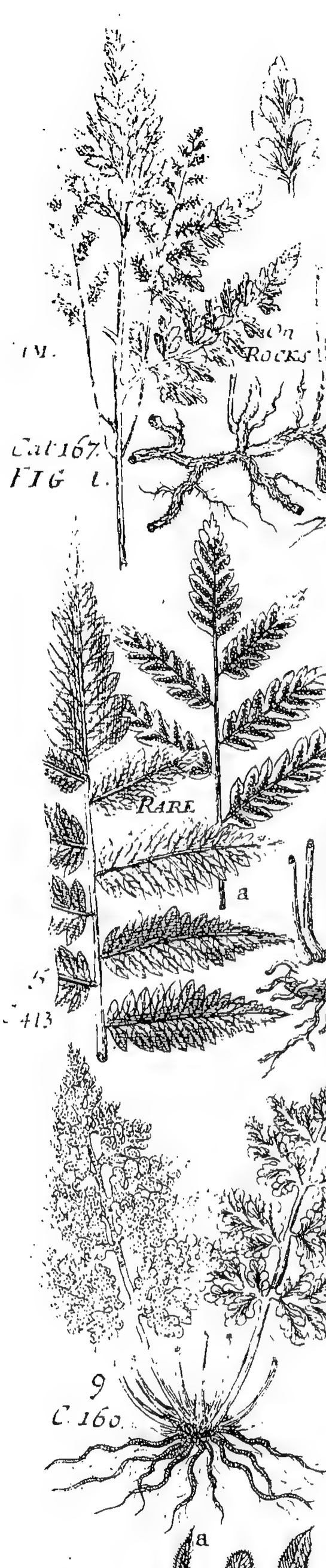

In wet places & by Rivers.
13
C. 162.


In dry Stoney Places
14 a
14
C. 166.

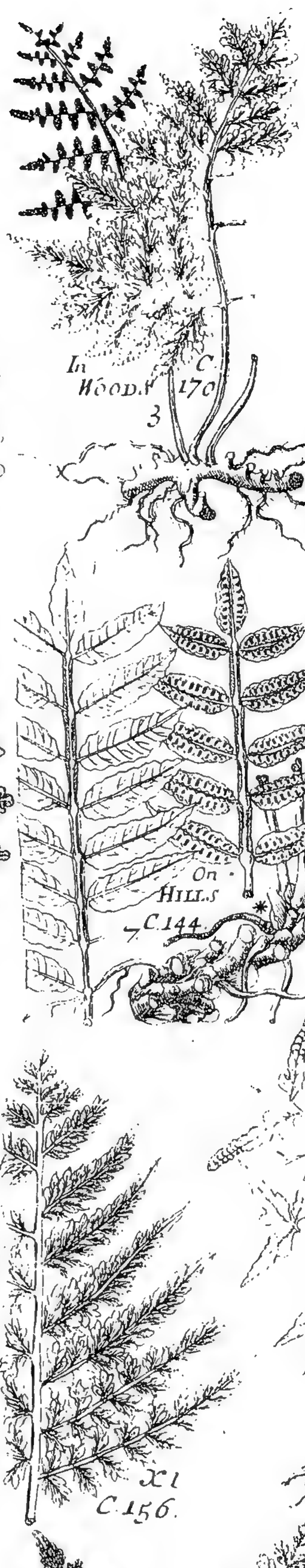

In Woods
15 C. 163.

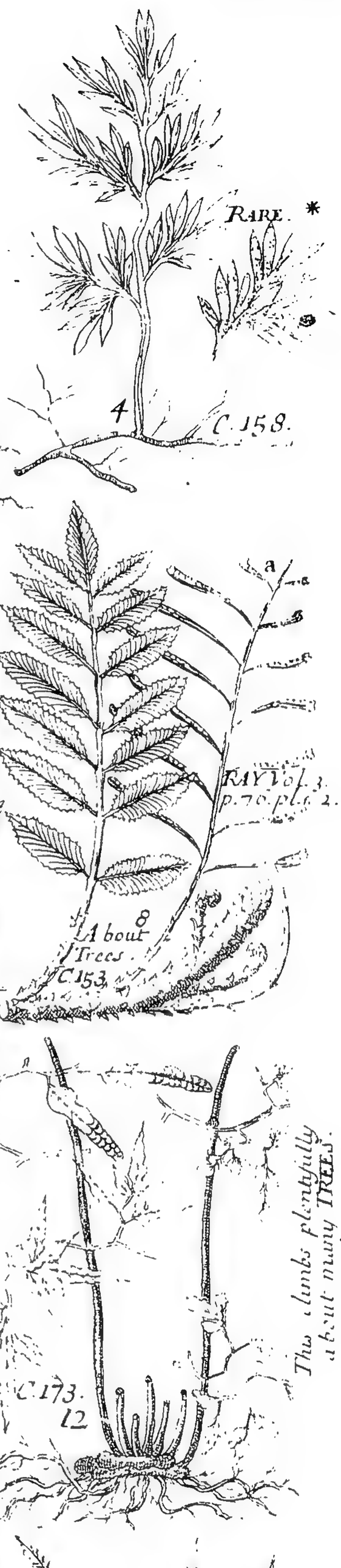

On Rocks.
16
C. 165.

TAB. IX.


On
Rocks
C. 168.
2
Cal. 167.
FIG 1.
A
a
RARE
413
9
C. 160.
a
Grows
on TREES
13
C. 147.


In Woods
RARE
6
C. 170
10
C. 161.
In moist Woods.
a
d
C. 146.
14


In Woods
C. 170
3
On
HILLS
C. 144.
11
C. 156.
In moist WOODS & by
RIVER Sides.
C. 136.
15


RARE.
4
C. 158.
a
RAY Vol. 3.
p. 70. pl. 6. 2.
About
Trees
C. 153.
8
C. 173.
12
On
ROCKS
&
WOODS
&c.
16
C. 137.

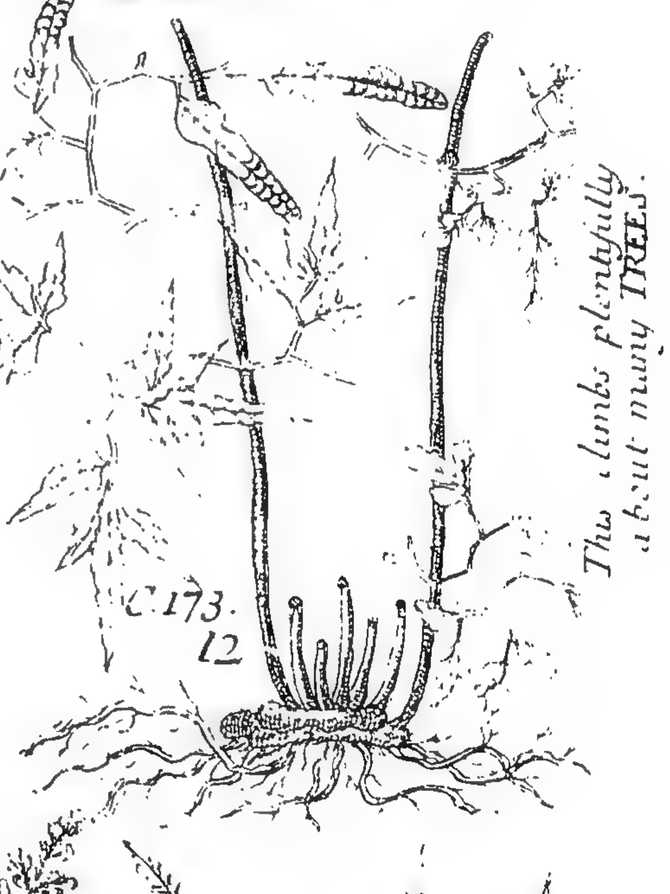
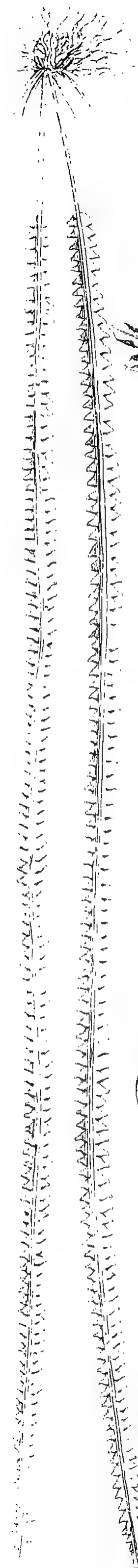
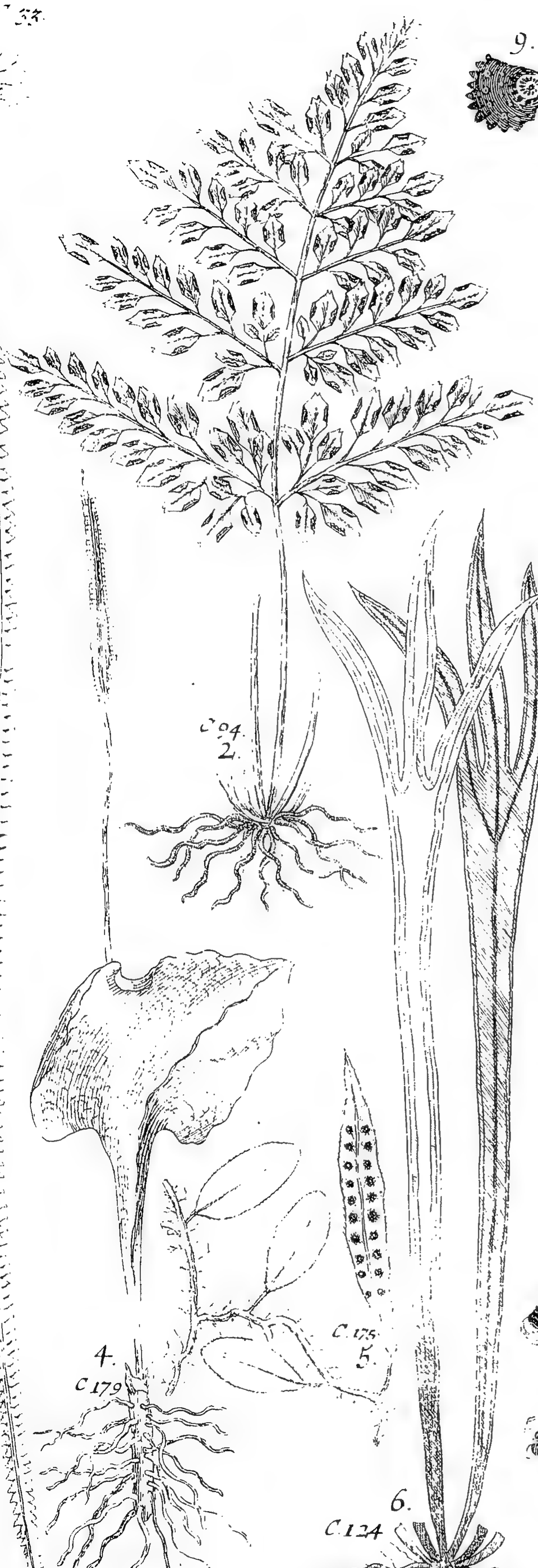

The clumbs plentyfully
about many TREES.

FIG. 1. C 57.

TAB. X.







9.

C 377



10.

3. C. 0



11.

C 386.



12.

C 384.

C. 96. 7.

C 94. 2.

C 175. 5.

4.

C 179

6.

C 124

13.

C 412

14.

C. 90. 8.

Sutton Nicholls sculp

TAB. XI.

FIG. 1.

Tat. 159.

C.394.
10.

C.178.
2.

C.188.
3.

5. C. 78.

C. 397.
xl.

4. C. 99.

C. 395.
12.

C. 403.
14.

a

C. 404.
15.

b

6.
C. 78.

JAM.

C. 103.
8.

C. 395.
13.

C. 119.
7.

C. 150.
9.

Sutton Nicholls sculp.

FIG. 1.

C. 399.
14.

C. 400.
11.

7.

C. 387. Barb.

C. 130.

12.

C. 398.

C. 108.
2.

C. 181.
6.

3.
C. 36.

C. 388.

13.

C. 402.

8.

C. 385. JAM.

9.

15.

C. 401.

C. 102.
5.

B.

4. C. 174.

A.

C. 383.

10.

Sutton Nicholls fculp.

TAB. XIII.

FIG. 1.
Cat. 390.

C. 391.
2.

C. 392.
3.

C. 101.
5.

6. C. 193.

C. 393.
4.

12.
C. 25.

14.
C. 145.

C. 208.
7.

C. 204.
8.

13.
C. 104.

9.

C. 213.

10.

11.

Sutton Nicholls fculp.

FIG 1. C. 35.

TAB. XIV.

C. 410.

8.

9.

C. 409.

2. C. 38.

C 414

4

C. 126.

3.

JAM.

C. 164.

5.

xi.

C. 378.

JAM.

6.

C. 93.

7. C. 95.

C. 379.

12.

C. 380.

10.

14.

C. 376.

13

Sutton Nicholls fecit.

TAB. XV.

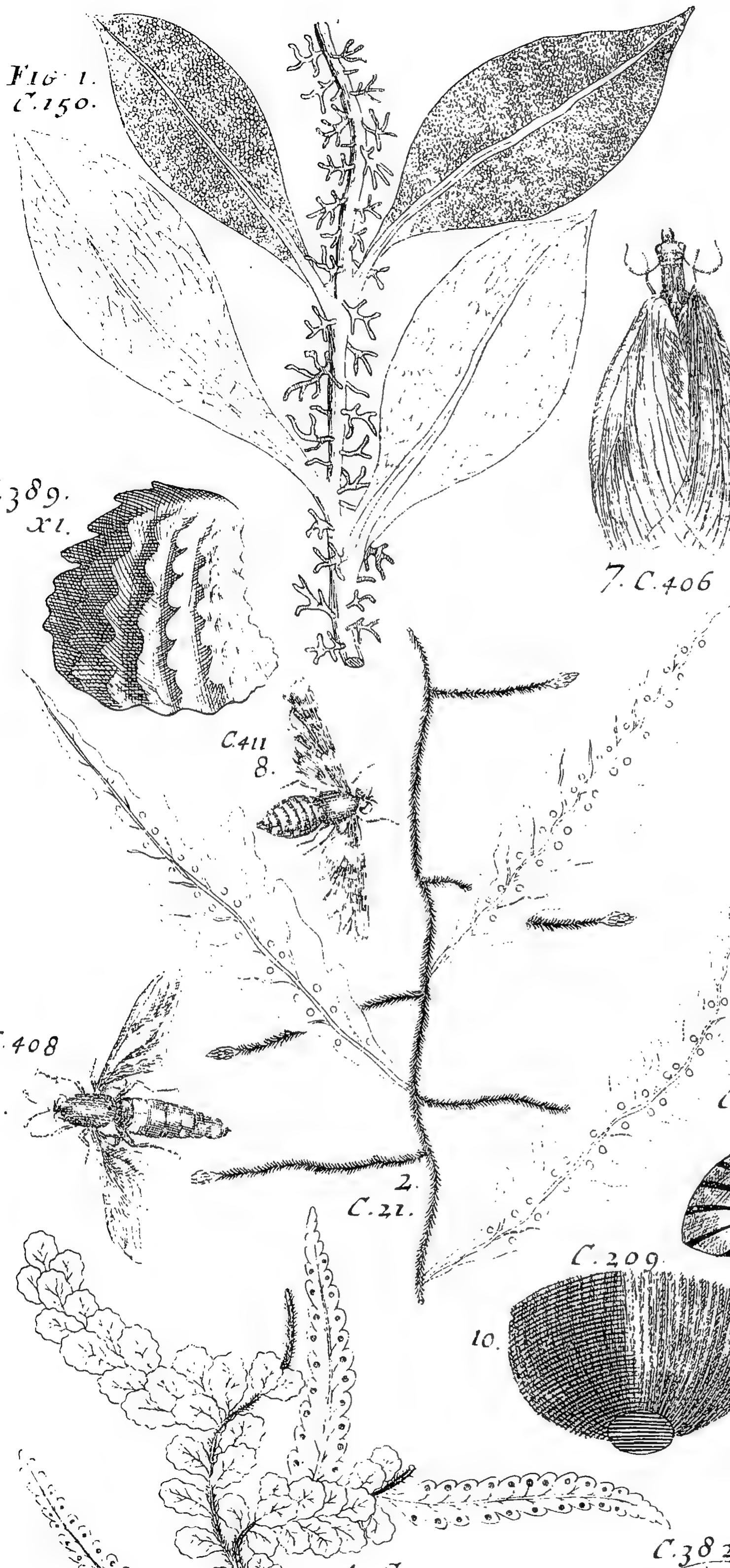


Fig. 1. C. 150.

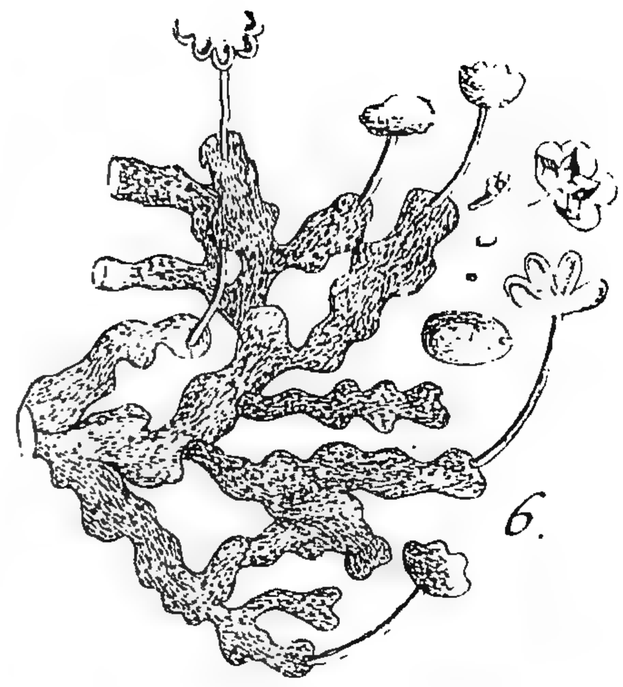
C. 389. 11.

C. 411 8.

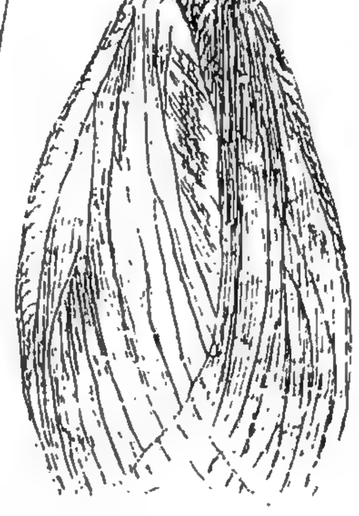
C. 408 9.

2. C. 21.

4. C. 174.



6.

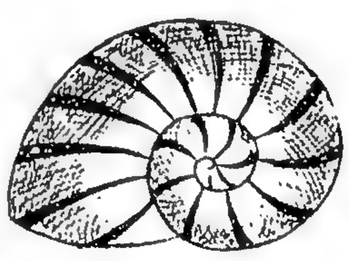


7. C. 406



3. C. 34.

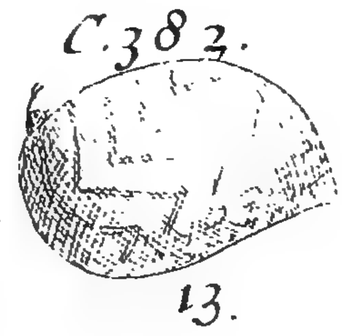
C. 381. 12.



C. 209. 10.



5. C. 105.



13.

Sutton Nicholls sculpr.



FIG. 1
Cat. 186.

C. 185. 2

C. 184. 3

4 C. 182.

5 C. 180.

6 C. 189.

7 C. 228.

8 C. 225.

9
C. 224.

10 C. 229.

11 C. 253.

12 C. 254.

13 C. 192.

C. 198. 14

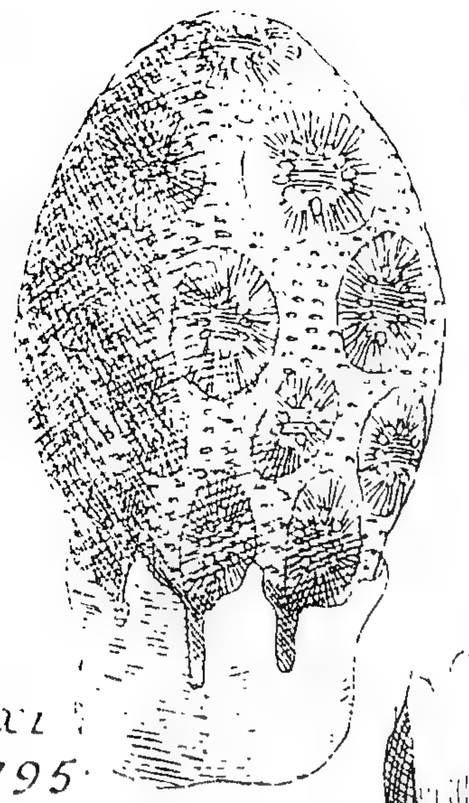
C. 199. 15

C. 206. 16

17 C. 212.

Sutton Nicholls sculp.

AMERICAN MUSHROMES, PUFFS AGARICKS &c. TAB XVII


11
C. 195.

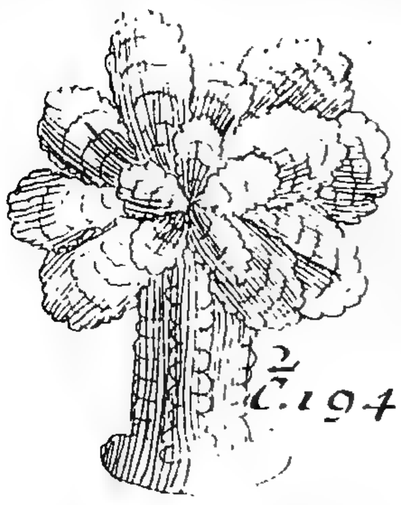
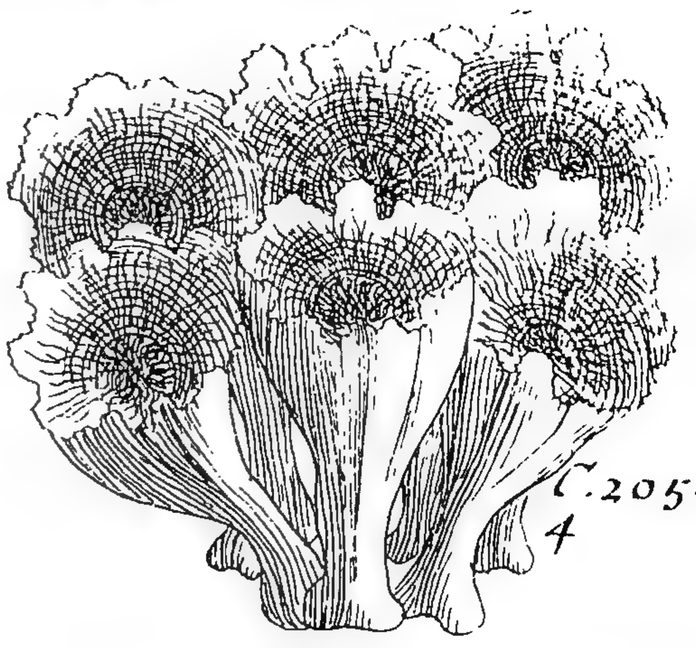
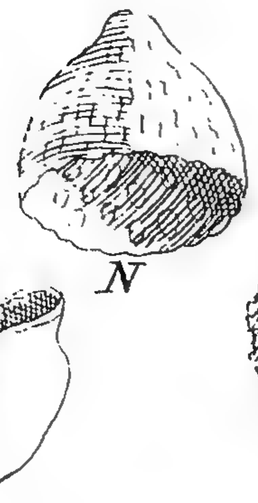

2
C. 194.

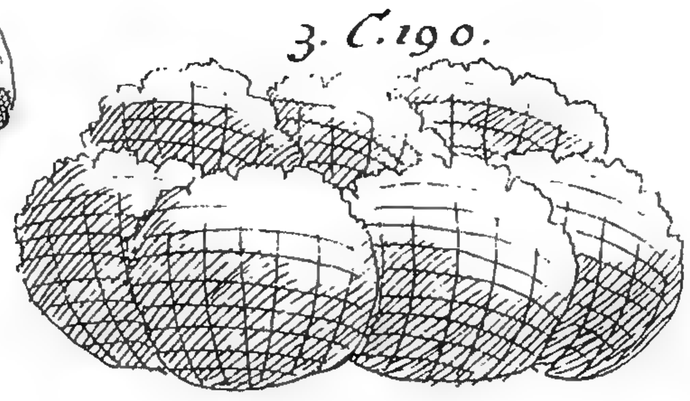
FIG. 1.
C. 202.

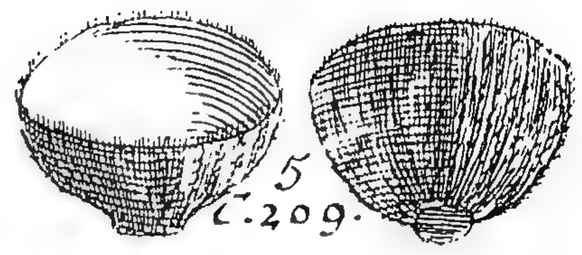



C. 205.
4

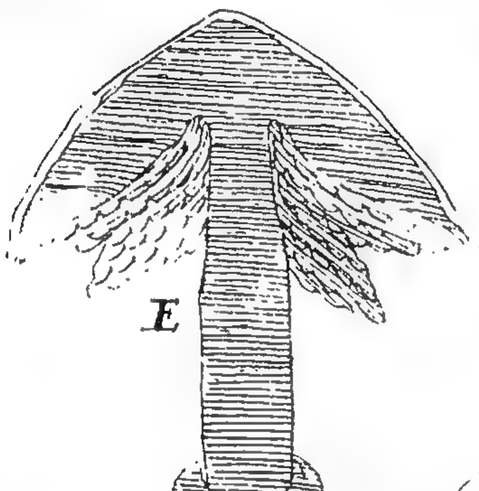

C. 211.
14
N

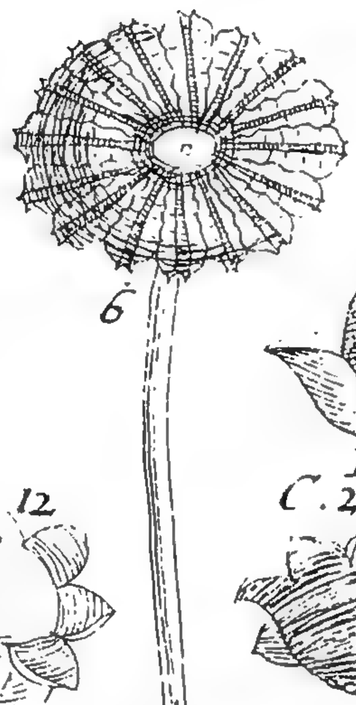
3. C. 190.



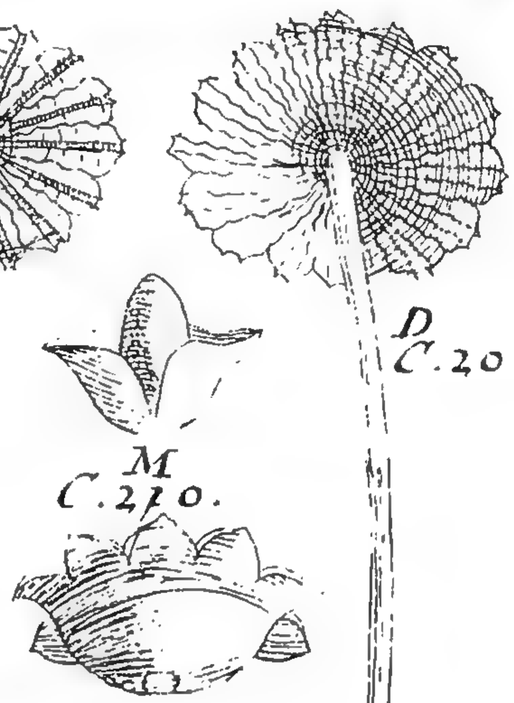

5
C. 209.

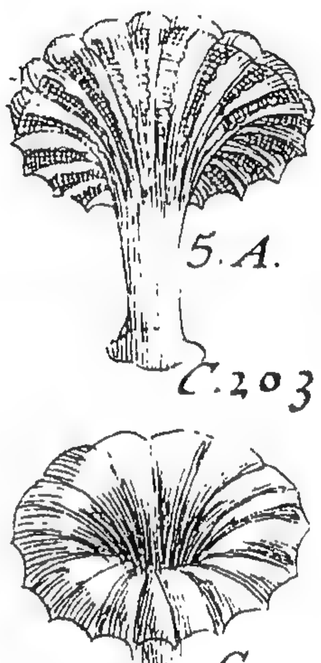

7
C. 200.


E


6

M
C. 210.


D
C. 202.

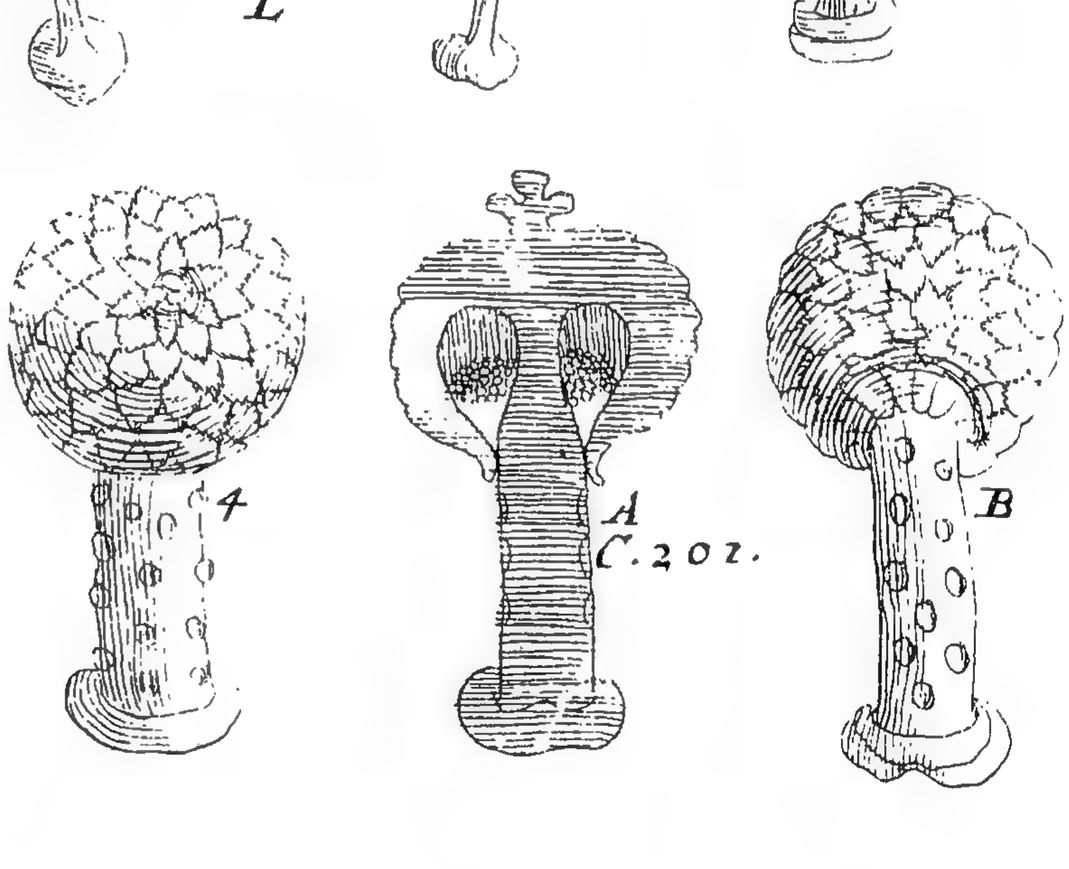

5. A.
C. 203.

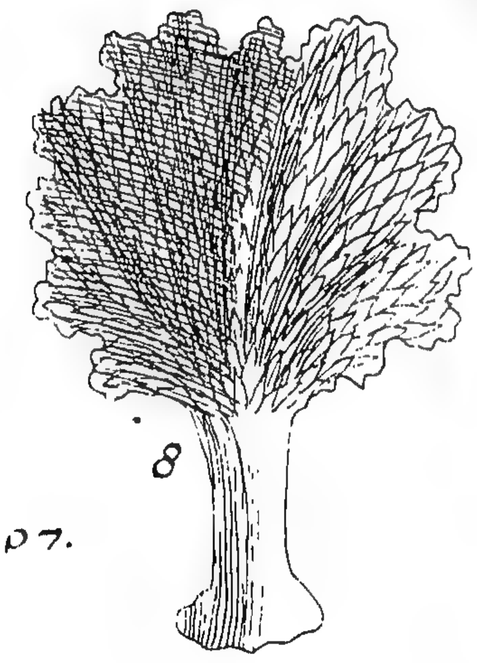
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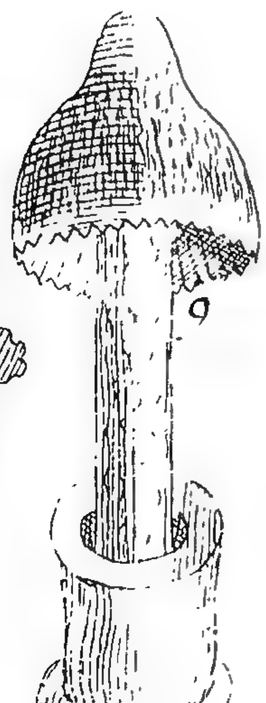

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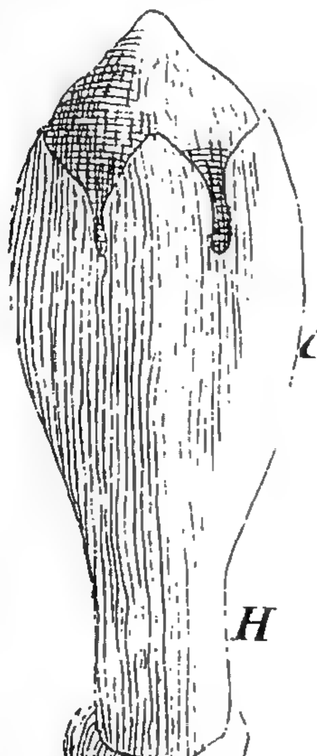

C. 211
13

15. C. 191.

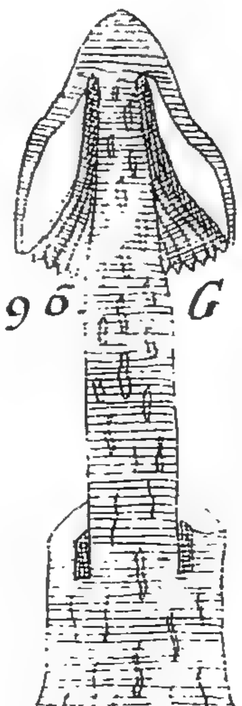

4
A
C. 202.
B

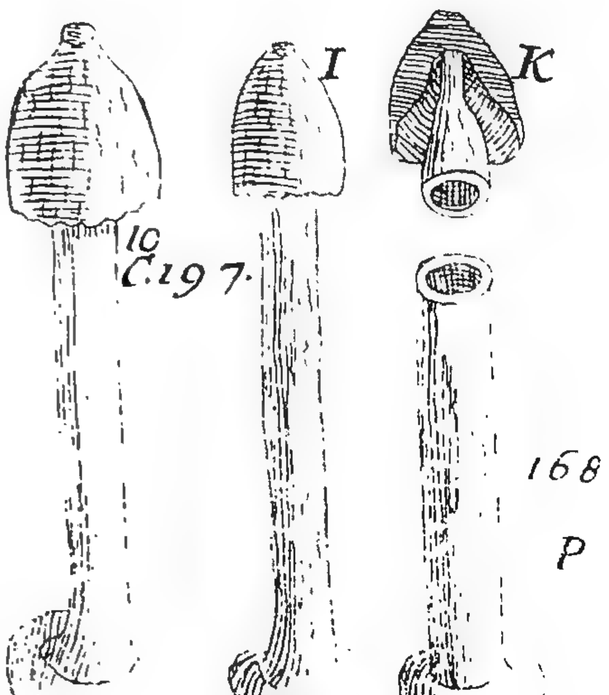

8
C. 207.


9


H

C. 196.


G


10
C. 197.
I
K
168
P

F

Fig. 1. C. 261.
JAM.

2. C. 226.

5. C. 214.

6. C. 218.

3. C. 237.

8. C. 232.
JAM.

7. C. 229.

4. C. 275.

BARB.
9 C. 231.

10 C. 230.
BARB.

a
a
b
b
11 C. 233.
ANT. JAM.

12 C. 274.
JAM.

13 C. 219
JAM.

14 C. 237.

15 C.
JAM.

16 C.
JAM.

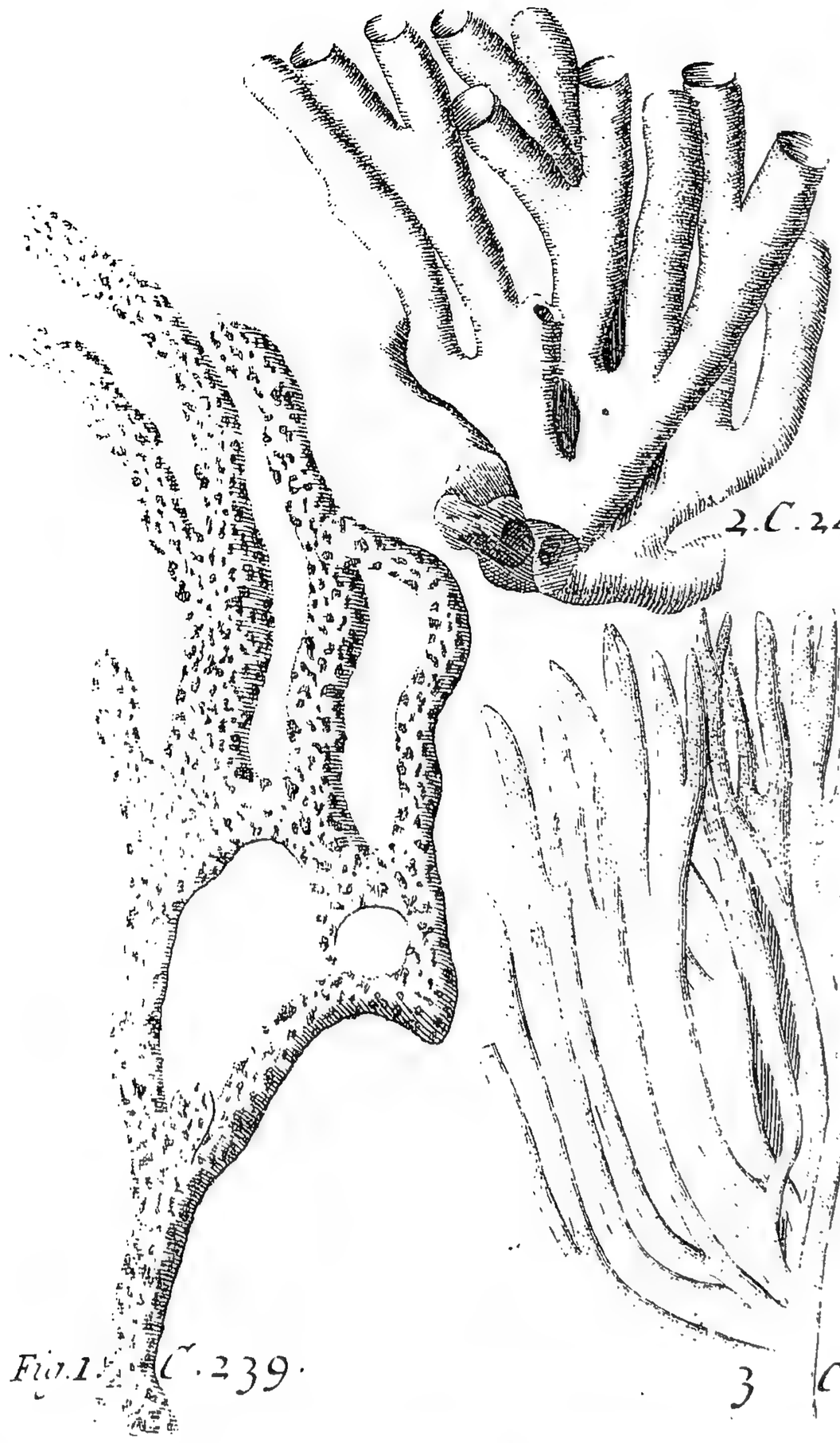
17 C.
JAM.

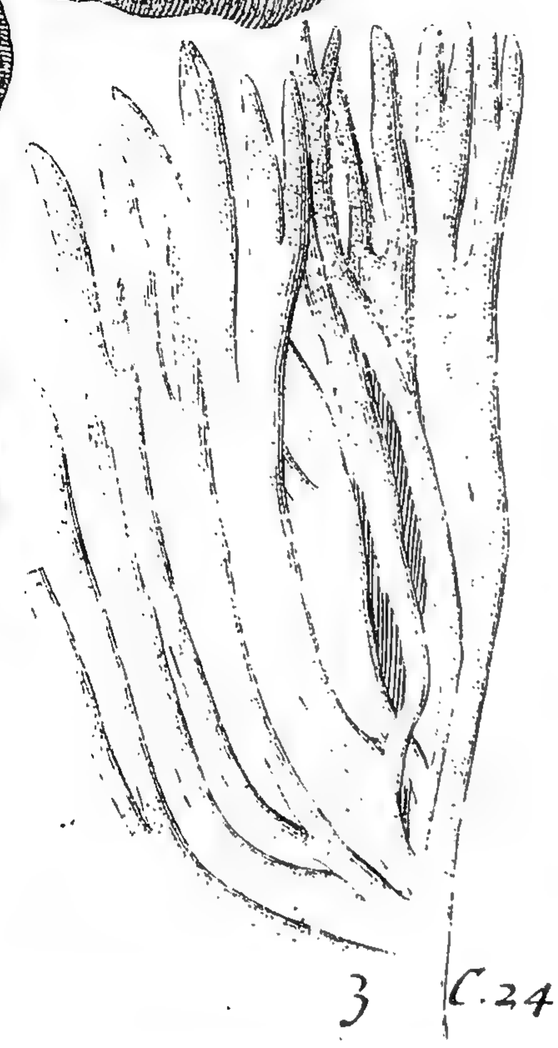
19 C. 218.
ANTEGO

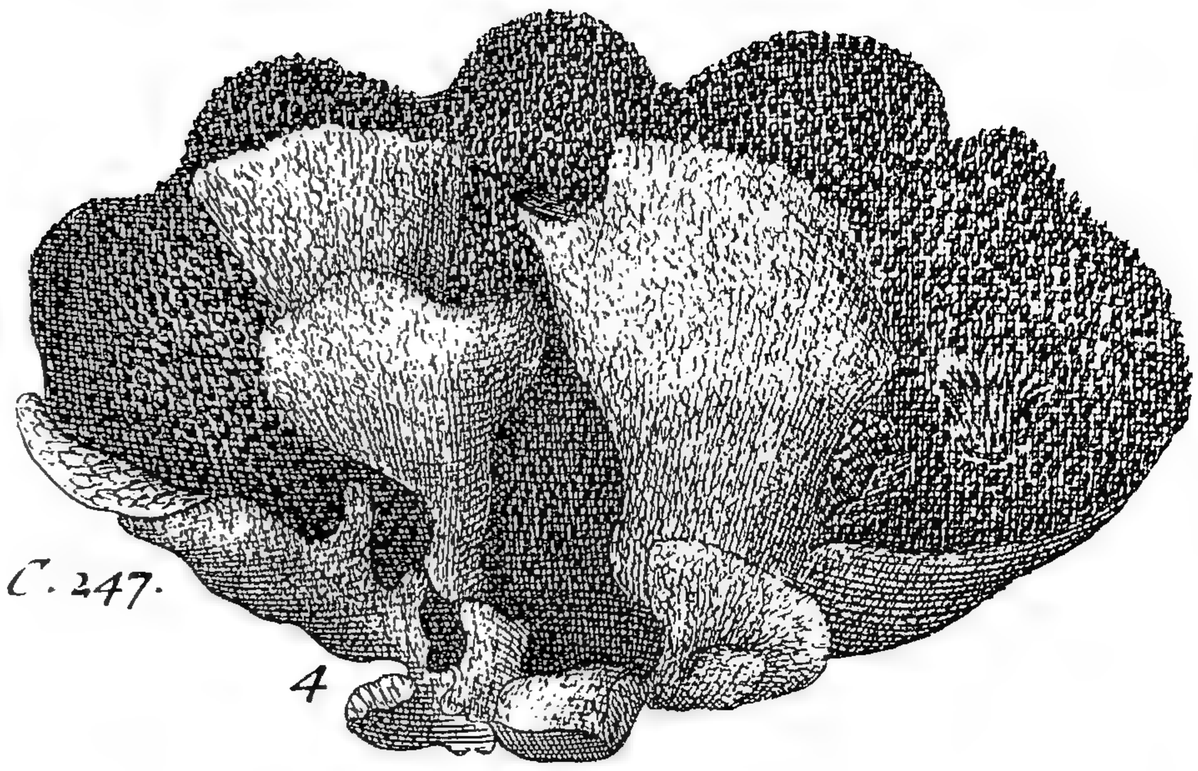
20 C. 245
ANT.

21 C. 246
BARB.

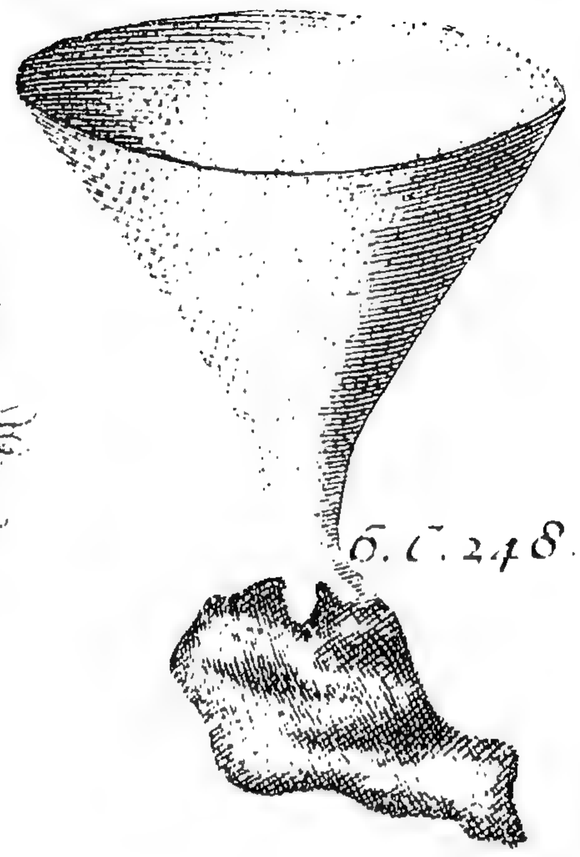
18. C. 221.
JAM.

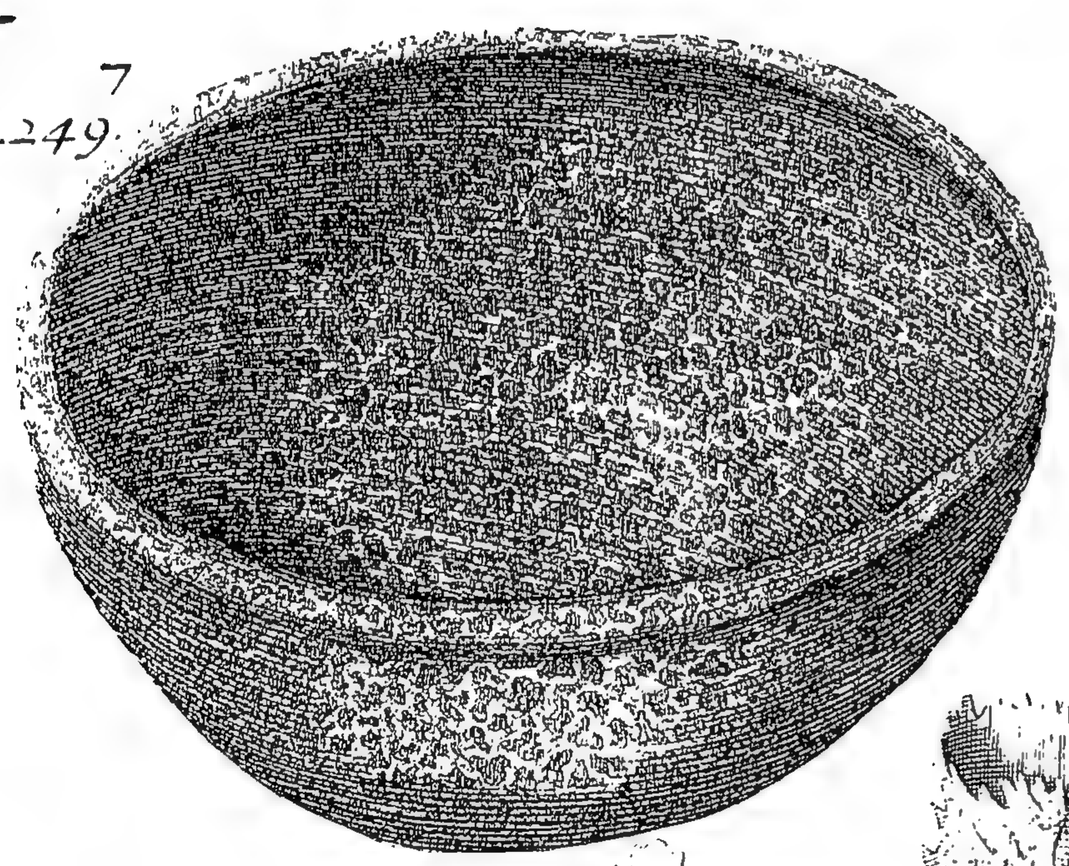

2. C. 240.
Fig. 1. C. 239.


3 C. 241.


C. 247.
4

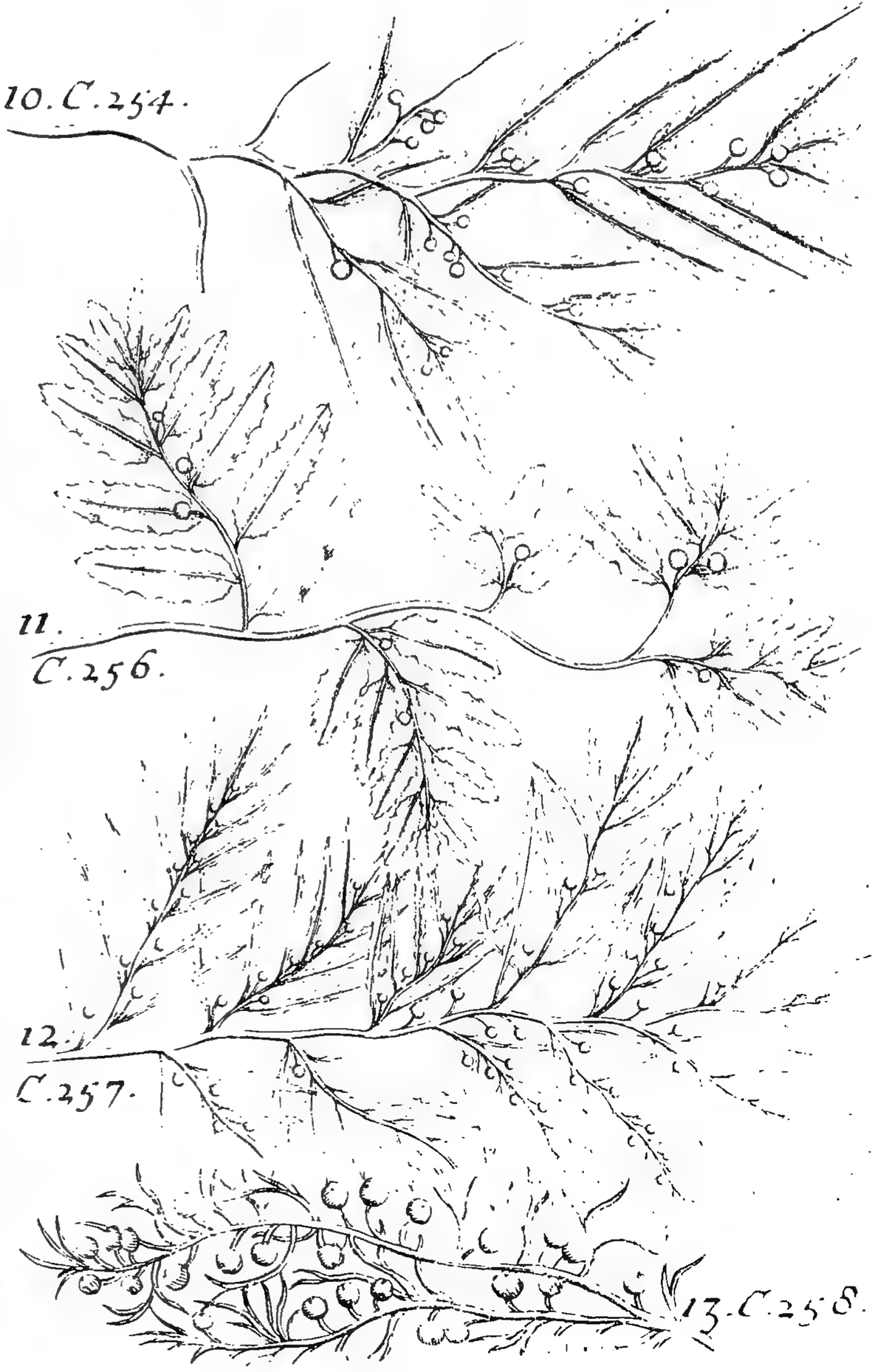

C. 244
5


6. C. 248.


7
C. 249.


C. 242.
8


9.
C. 243


10. C. 254.
11.
C. 256.
12.
C. 257.
13. C. 258.

TAB. XX.

FIG. 1
C. 264.

C. 265.
2

C. 263.
3

C. 366.
4

C. 367.
5

6. C. 368.

C. 369.

C. 370.
8

9. C. 373.

10
C. 372.

C. 372.
12

C. 375.
14

C. 374.
13

11

C. 222
15

C. 226.
16

C. 227.
17

C. 231.
21

C. 230.
18

19
C. 250.

C. 223.
20

Simon Nicholls delin. et sculp.

Papilionum *BRITANNIÆ* Icones, Nomina, &c.

Containing the *Figures*, *Names*, *Places*, *Seaſons*, &c. of above *Eighty* Engliſh *Butter-flies*, being all that have hitherto been obſerved in *Great-Britain*.

By *James Petiver*, Fellow *of the* Royal Society, *LONDON*.

TAB. I. Papiliones BRITANNIÆ albidæ. *ENGLISH White* Butterflies.

Fig. 1, & 2. PApilio alba, *venis* nigris *Muſ*, noſt. 301. White *Butterfly* with *black* Veins. *Ray* Inſector. *Hiſt.* 115. 5. Its fine *black Veins* without any Spots, differs it from all the following. *Found* in *Meadows* about *June*.

3, & 4. Papilio *alba* major, *apicibus* nigris. *Great* white *Cabbage* Butterfly. *Differs* from the next, in having *no Spots* on its upper Wings, *Appears* in *May*, *June*, &c.

5, & 6. Papilio *alba* major, *bimaculata*. Ray 113. 1. *Great* Female Cabbage *Butterfly*, Gaz. Nat. 62. f. 3. *Muſ.* noſt. 825. Theſe are very common with the laſt, in *Kitchen Gardens* where *Cabbages* grow, on which they lay their *Eggs*,

7, & 8. Papilio *alba* media, *maculata*, Ray 118. 2. *Leſſer* white *Cabbage* Butterfly. Very *common* in *Fields* and *Gardens* moſt part of the *Summer*.

9, & 10. Papilio *alba* media, *bimaculata*. Leſſer *white* double ſpotted *Butterfly*. This and the next are found promiſcuouſly with the reſt.

11, & 12. Papilio alba, media, *trimaculata*. Leſſer *white* treble-ſpotted *Butterfly*. Differs from the laſt in having a third ſpot on the parting of the Wings.

13, & 14. Papilio *alba*, media, *immaculata*, Ray 114. 3. Leſſer *white* unſpotted *Butterfly*. The under Wings of theſe 6 laſt are *froſted* below with a *pale yellow* and without Veins, which the 3 next have,

15, & 16. *Papilio* alba, *media*, trimaculata, *venis* ſubtùs luteis, *Muſ.* noſt. 302. Common *white*, veined *Butterfly*, with 2 or 3 Spots, GAZ. Nat. 62. f. 4. *Common* with the next in *Fields* and *Meadows* moſt part of the *Summer*.

17, & 18. *Papilio* alba, *minor*, immaculata, *venis* ſubtùs luteis. Leſſer, white, *veined Butterfly*. This has no Spots.

19, & 20. *Papilio* alba, *media*, maculata, *venis* ſubtùs luteis. Leſſer, *ſpotted*, white, *veined Butterfly*. Differs from 15 in having but one Spot on each upper Wing,

21, & 22. Papilio *alba* minor, *apice* nigricante. *White* ſmall *tipt Butterfly*, Ray 116. 8. I have obſerved this in *Hampſted* and other Woods in *June*, &c.

23, & 24. Papilio *alba* minor, *Mas*. Small *white* Wood Butterfly. This is ſometimes tipt below, but ſcarce ſeen above, *N. B.* I have obſerved amongſt all theſe *white Butterflies*, the moſt ſpotted to be the *Females*.

TAB. II. *Papiliones* Britanniæ, luteæ, albæ, &c. mixtæ. Engliſh, *yellow*, *white*, and other mixt *Butterflies*.

Fig. 1. PApilio *Sulphurea*, Muſ. noſt. No. 1. *Ray* 112. 4. The Brimſtone *Butterfly*. This and the next appear amongſt the firſt in the *Spring* and again in *Autumn*.

2. Papilio *ſulphureus*, pallidus, *Muſ.* noſt. 2. The *Male* Straw Butterfly. This being ſo near white, it often eſcapes as common.

3. *Papilio* crocea, *limbo* nigricante. The Saffron Butterfly. Its Ground *Saffron*, with broad black Edges, ſeen about *Deptford*, *Peckham*, &c. from *June* till *September*.

4. *Papilio* crocea, *limbo* nigricante, *maculato*, Gaz. Nat. 14. f. 11, *Rap* 112. 6. Spotted *Saffron* Butterfly, Found with the laſt, and differs from it in having a *ſpotted* Edge.

5. *Papilio* major *caudata*, ex nigro & luteo variegata, *Ray* 110. Royal William. Muſ. *noſt.* 328. Its *Beauty*, *Size*, and *Tail* differs it from all others. This has been caught about *London* and divers *Counties* in *England*, yet rarely.

6. Papilio *albus*, ſubtùs viridi colore marmoreatus, *Mas*, apicibus *croceis*, Muſ. noſt. 306. *Ray* 115. 6. White, *marbled* Male Butterfly. *Found* with the *Female*, but more particularly obſerved by its *Saffron Tips*, by which its eaſily known flying.

7. Papilio *alba*, ſubtùs viridi colore marmoreata, *Fœmina*, Ray 115. 7. *White* marbled *Female Butterfly*, Muſ. noſt. 305. This appears in *April* and *May*, but not common.

8. *Papilio* alba *minor*, ſubtùs virideſcens marmoreata. *The ſlight* greeniſh *Half-Mourner* This is ſomewhat leſs than the next, and has fewer Spots, eſpecially above.

9. Papilio *Leucamelanos* ſubtùs virideſcens marmoreata. *Vernouns* greeniſh *Half-Mourner* Muſ. noſt. 304. Gaz. Nat. 1. fig. 7. *Rap* 116. 10. This has alſo been found about *Hampſted* in *July* or *Auguſt*.

10. Papilio *Leucomelanos*. Common *Half-Mourner*, Muſ. noſt. 3. fig. *Ray* 116. 9. Theſe have near an equal Mixture of *white* and *black*, they appear about *Midſummer* and after, in moiſt *Meadows*.

11. *Papilio* major *nigreſcens* tricolor, *circulo* ferè *ſanguineo* ornatus. *Muſ.* noſt. 327. *Ray* 126. 1. The Admiral. A beautiful Fly, and eminently diſtinguiſht by a *red Liſt* croſs the upper Wing. Often ſeen in *Gardens* and *Fields* from the End of *July* till *Autumn*.

12. Papilio *fuſca*, areâ & maculis albis. Gaz. *Nat.* Tab. 15. f. 12. White *Admiral*. Found about *Dullidge* and *Wickham* near *Croyden*. as alſo at *Henly* upon *Thames*.

TAB. III. Papiliones *Britanniæ* maculatæ. *Britiſh* ſpotted *Butterflies*.

Fig. 1, & 2. PApilio *Fritillaria* major, crocea, lineis ſubtùs argenteis. *Great* Silverſtreakt Orange *Fritillary*. Differs from the next in having Streaks above on an *Orange* Ground.

3, & 4. *Eadem* Aurea. *Great* Silver-ſtreakt Golden *Fritillary*. Muſ. noſt. 321. *Ray* 119. 4. The *Spots* above *more* and *larger*, without any black Streaks, on a pale golden Ground. Theſe *appear* about the beginning of *July*.

5, & 6. Papilio *Fritillaria* major, *maculis* ſubtùs *argenteis*. Great *Silver-ſpotted* Fritillary. Muſ. noſt. 320. *Ray* 119. 5. In this the Spots above are larger than the next, and below the ground between the Spots pale.

7, & 8. *Papilio* Fritillaria *major*, ſubtùs viridior, *maculis* argenteis. In this the Spots are leſs, and the Ground below greeniſh. This and the laſt appear about the midſt of *July*.

9, & 10. *Papilio* Fritillaria, *teſſellata*, ſerotina, *Muſ.* noſt. 323. ſubtùs albida. White *May* Fritillary. Ray 120. 8. 2. Very like the *next*, but *whiter* below.

11, & 12. *Eadem* ſubtùs ſtraminea. *Straw* May *Fritillary*. Both theſe pretty common in *Cain-Wood*, and differ from the next in being *Checker'd* above.

13, & 14. *Papilio* Fritillaria *maculata*, precox, *Muſ.* Pet. 322. *Ray* 120. 7. April *Fritillary*. This has many white and Silver *Spots* below, by which it chiefly differs from *Fig.* 18.

15, & 16. Papilio *Fritillaria* minor. *Muſ.* noſt. 324. *Gaz.* Nat. 16. f. 10. *Ray* 122. 12. *Vernons*, ſmall *Fritillary*. It's the leaſt of all the *Fritillaries* yet known. Found in ſeveral *Woods* round *London*.

17, & 18. Papilio *Fritillaria*, maculata, præcox, *maculis* ſubtùs argenteis paucis. *April* Fritillary with few *Spots*. This has but one oval Silver Spot in the midſt of each Wing beneath, whereas Fig. 14. has divers. Perhaps *Male* and *Female*. Frequent in *Cain-Wood*.

19, & 20. Papilio *Fritillaria* media, *meandris* nigris. *Dandridge*'s midling *Black Fritillary*. Ray 121. 10. Mr. *Dandridge* has obſerved this and the next about the end of *May* and beginning of *June* in *Cain Wood* and the *Oak* of *Honour* Woods near *Dullidge*.

21, & 22. Papilio *Fritillaria* minor, *meandris* nigris. *Small* black *Fritillary*. Ray 121. 11. *Differs* chiefly in being leſs than the *laſt*.

23, & 24. Papilio *Fritillaria* minor, *maculis* argenteis ſubtùs perbelle notata *Muſ.* noſt. 520. Leſſer *Silver-ſpotted* or *Riga* Fritillary. *Ray* 120. 6. Obſerved about *Cambridge*

25, & 26. *Papilio* Fritillaria *minor*, undulata, *areis* ſubtùs albis. *White* Dullidge *Fritillary*. Found in the *Wood*, thereabouts in *May*.

TAB IV. Papiliones *Britanniæ*, maculatæ & ſtriatæ. *Britiſh* ſpotted and ſtreakt *Butterflies.*

Fig. 1, & 2. PApilio *Teſtudinarius* major. *Muſ.* noſt. 315. Great *Tortoiſe ſhell* Butterfly. Ray 118. 2. A large Fly, I have obſerv'd them both in *Spring* and *Autumn*, they often ſettle on *Trees*, and commonly the *Elm.*

3, & 4. Papilio *Teſtudinarius* minor, *Muſ.* noſt. 316. *Leſſer* or *Common* Tortoiſe-ſhell. *Ray* 117. 1. Very frequent all *Summer*, and often found in *Houſes* in the *Winter.*

5, & 6. *Papilio* Teſtudinaria, *Comma* dicta, ſubtùs fuſca. The Silver *Comma.* Ray 118. 3. This and the 3 following appear about *Midſummer.*

7, & 8. *Eadem* ſubtùs pallidior. The pale *Comma.* This *below* is of an *Oker Marble*, and paler than the *laſt.*

9, & 10. Eadem, *alis* magis *laceratis.* Jagged wing'd *Comma.* Theſe Wings are deeper cut and more vivid; it's finely marbled underneath, with ſmall geeeniſh *Eyes* ſpeckt with *black.*

11, & 12. *Eadem* minor, *Small Comma.* It's very dark below, and in all Parts *leſs.*

13, & 14. *Papilio* minor *aureus*, ex nigro permaculatus *Muſ. noſt.* 317. Ray 125. 20. *Small Tortoiſe ſhell.* In *Meadows* and about *Hedges* from *July* till *Autumn.*

15, & 16. *Papiliunculus* fuſcus, *punctis* paucioribus albicantibus, Gaz. Nat. *Tab.* 36. f. 9. Ray 132. 20. *Brown* Marſh *Fritillary.* The *Spots* in this are *larger* and *fewer* than the next, and *Found* with it.

17, & 18. *Papiliunculus* fuſcus, *punctis* plurimis albicantibus *Muſ. noſt.* 325. Ray 133. 21. Gaz. Nat. 36. f. 6. *Small-ſpotted* brown *Marſh Fritillary.* The *Spots* in this are *ſmaller* and more *diſtinct.*

19, & 20. *Papilio* niger fuſcus *Hampſtedienſis* marmoreatus, Gaz. Nat. 36. f. 3. *Ray* 132. 18. Handley's *ſmall* brown *Butterfly.* It's brown above and paler below, and dully *marbled.*

21, & 22. *Papilio* eleganter variegata agilis, *Bella donna* dicta *Muſ. noſt.* 326. Ray 122. 13. *Painted Lady.* It uſually ſettles on Banks and dry Ground.

23. *Papilio* minor *fuſcus*, ſubtùs ſtriatus, Gaz. Nat. *Tab.* 11. f. 9. Ray 129. 8. The *brown* Hair-ſtreak. Mr. *Ray* has ſeen this and 26 in Coitu on *Nettles*, July 8. 1692.

24. *Idem* agro aureo. Gaz. Nat. 11. f. 11. Ray 130. 10. *Golden* Hair-ſtreak. *Found* with the laſt about *Croydon.*

25. *Pars inferior.* This *Figure* repreſents the Under-ſide of the 2 laſt, which differ not below.

26. *Papilio* minor *cæruleſcens*, ſubtùs ſtriatus, *Muſ. noſt.* 319. Ray 130. 9. *Ray*'s blew *Hair-ſtreak.* The Ground above is a dark-hair brown, with a blewiſh Caſt over it.

27. *Idem* fuſcus, *agro* cæruleo. *Our* blew *Hair-ſtreak.* The Ground the ſame with the laſt, but the Inſide of its upper Wings has a broad Field of vivid blew.

28. *Pars inferior.* The 2 laſt are the ſame below.

TAB. V. Papiliones *Britanniæ* Oculatæ.
Britiſh *Eye-wing'd* Butterflies.

Fig. 1. PApilio *Oculus Pavonus* dictus *Muſ. noſt.* 314. The *Peacock's Eye.* Ray 122. 14. This often appears early and continues long, it's pretty common both in *Gardens* and *Fields.*

2. *Papilio* Oculatus *Hampſtedienſis*, ex aureo fuſcus. *Allin*'s Hampſted *Eye.* Where it was caught by this Curious Perſon, and is the only one I have yet ſeen.

3. Papilio *oculis nigris*, ſubtùs marmoreus, *Muſ. noſt.* 307. Ray 128. 6. Gaz. Nat. *Tab.* 14. f. 9. The *Tunbridge Grayling.* Becauſe firſt caught in thoſe Parts. This I take to be the *Female*, and appears about *Midſummer.*

4. *Idem* obſcurior. *Brown* Tunbridge *Grayling.* Much darker on the upper ſide and ſomewhat ſmaller.

5. Papilio *oculatus*, è fuſco & flaveſcente mixtus, *Gaz. Nat.* Tab. 24. fig. 3. opt. *Cat.* 23. The *Enfield Eye.* It being the Place I firſt obſerved them in. Theſe appear from *April* till *July.*

6. *Idem* obſcurior & ſerotinus. *Brown* Enfield Eye. Mr. *Dandridge* firſt obſerved this about *Watford* towards the *End* of *July.*

7. Papilio *Oculatus*, ex aureo & fuſco marmoreatus, *Muſ. noſt.* 312. *Ray* 123. 5. The *London Eye.* Theſe I have met with from *May* till *Auguſt*, but not very common.

8. *Idem* areâ fuſcâ. *London Eye*, with a brown Liſt. *Found* with the laſt, and may be *Male* and *Female.*

9. *Papilio* pratenſis *Oculatus* aureus, *Muſ. noſt.* 309. Golden *Meadow-Eye*, Ray 124. 17. Common in *Meadows* before *Mowing*, and perhaps *Female* to the next.

10. *Papilio* prat. *Oculatus* fuſcus, *Muſ.* noſt. 309. *Ray* 124. 16. Brown *Meadow-Eye.* Found frequently with the laſt in May and *June.*

11. Idem *ſequente*, areâ fuſcâ. Differs from the next in having a brown Liſt. *Perhaps* Male and Female.

12. *Papilio* aureo-fuſcus minor *Oculatus*, pupillis geminis, *Muſ. noſt.* 310. Ray 124. 18. *Hedge Eye* with double Specks. *Seen* about Hedges in *Auguſt.*

13. Papilio *med.* omnino fuſcus, plurimis *Oculis* nigris in circulis luteis ſubtùs ornatus, *Muſ. noſt.* 313. Ray 129. 7. *Brown* 8 *Eyes.* Theſe rarely appear before *Auguſt*, and moſtly near *Rivers.*

14. *Idem* 7 Oculis. *Brown* 7 *Eyes.* This has often underneath *one Eye* fewer than the laſt.

15. Golden *Heath-Eye.* Papiliunculus aureus *oculatus* in *Ericetis* frequens, Muſ. noſt. 311. *Ray* 125. 19. Very common on Heaths, from *May* till *Autumn.*

16. *Idem* margine fuſco. *Selvedg'd* Heath-Eye. *Differs* from the *laſt*, in having a brown brim or edge and found with it.

TAB. VI. Papiliunculi *Britan. cæruleſcentes*, aurei, &c.
Small *Engliſh*, Blue, Golden and Brown *Butterflies.*

Fig. 1. P*Apiliunculus* cæruleſcens, *limbis* nigris, Gaz. *Nat.* 35. f. 2. Pale blue *Argus.* I firſt obſerv'd this in *Thickets* near *Banſtead-Downs*, about *July.*

2. *Idem*, lineâ ſubtùs nigrâ. Nicely *differs* from the *laſt*, by a ſmall *line* underneath.

3. Papiliunculus *cæruleus* vulgatiſſimus, *Gaz. Nat.* 35. f. 1. Blue *Argus*, Muſ. noſt. 318. *Ray* 131. 11. Very *common* on *Heaths* from *June* till *Auguſt.*

4. *Papiliunculus* cæruleus, *limbis* nigris. *Selvedg'd* blew Argus. *Found* with the *laſt*, but more rare.

5. *Papiliunculus* è cæruleo fuſcus. *Gaz. Nat.* 35. f. 3. Mixt *Argus.* It's brown above mix'd with blew.

6. Papiliunculus *cæruleſcens* minor, *limbis* nigris. *Differs* from *fig.* 4. in being *leſs* and with *ſmaller* eyes.

7. Papiliunculus è *fuſco-cæruleus.* This has *fewer Spots* underneath than *fig.* 5.

8. Papiliunculus *plumbeus.* Lead *Argus. Eyed* underneath like the foregoing, and found with them.

9. Papiliunculus *plumbeus* parvus. *Small* Lead Argus. *Leſs* than the *laſt.*

10. *Papiliunculus* fuſcus, *marginibus* aureis, *Gaz. Nat.* Tab. 35. f. 4. Edged, brown *Argus.* Its ground darker than the 2 laſt.

11. Papiliunculus *cæruleſcens*, ſubtùs punctatus. *Blue ſpeckt Butterfly.* I have obſerved this on *Holly* Trees.

12. *Papiliunculus* cæruleus, *apicibus* nigris, ſubtùs punctatus. *Blue ſpeckt Butterfly*, with black tipps. *Found* with the laſt.

13. Papilio *minor* ſuperne fuſcus, infernè *viridis.* Holly *Butterfly.* Becauſe I firſt obſerved it on that tree.

14. *Papilio* minor *aureus*, immaculatus, *Gaz. Nat.* 34. 9. in *Deſcript.* The *ſpotleſs Hog.* Ray 125. 22.

15. Papilio *minor* aureus, *ſtriâ* nigrâ diſtinctus, *Gaz. Nat.* 34. f. 9. Ray 125. 21. *Streakt* Golden Hog.

16. Papilio *minor* ex aureo & fuſco mixtus, *ſtriâ* nigrâ *Gaz. Nat.* 34. f. 8. Streakt *cloudy Hog.* Differs from the laſt in being clouded with brown.

17. Papilio *minor* ex aureo & fuſco *mixtus*, Gaz. Nat. 34. f. 7. *Cloudy Hog.* This has no *Stants.* All theſe *Varieties* are found in the *Woods*, &c. about *Hampſtead.*

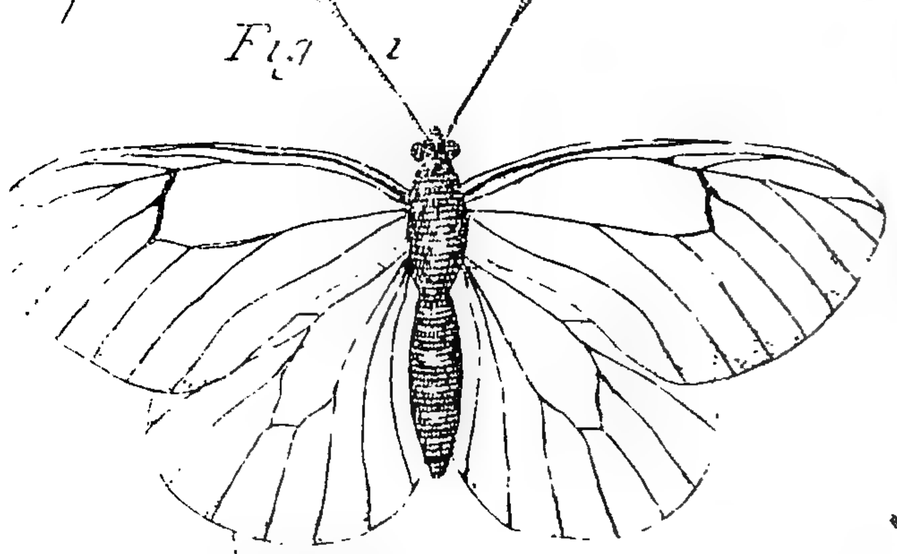
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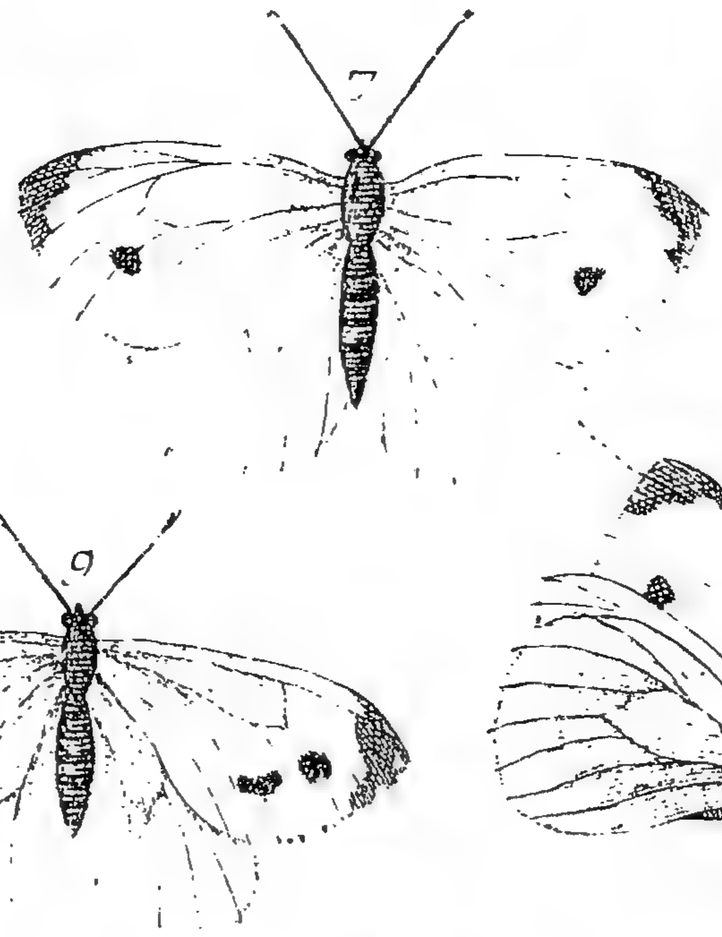
1. Petiveriana 1. 2 & 3. ſive *Collectanea* NATURÆ, Domi Foriſque *Autori* Communicata. *Lond.* Fol.
2. *Hortus* Peruvianus *Medicinalis*: or the *South Sea Herball*, Illuſtrated with many *curious Figures* of divers *Medicinal Herbs*, Gum-Trees, &c. growing in thoſe Parts with their *Vittues* and *Uſe.* Lond. *Fol.*

LONDON, Printed for the Author in *Alderſgate-ſtreet.* MDCCXVII.

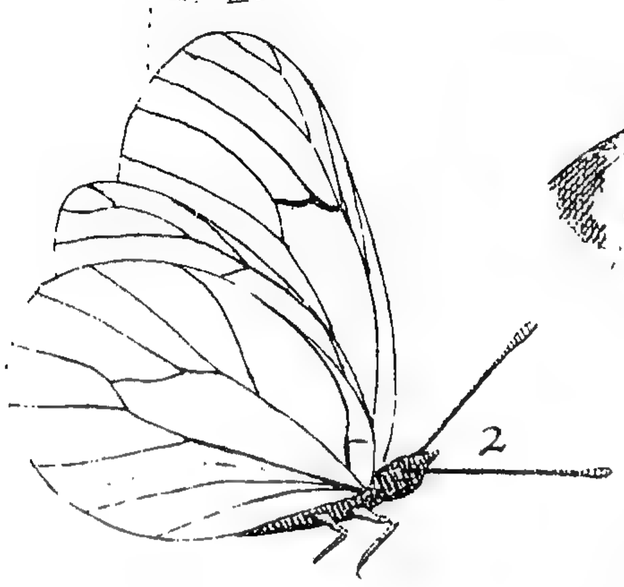
Papiliones BRITANNAE Radiale ENGLISH White BUTTERFLIES

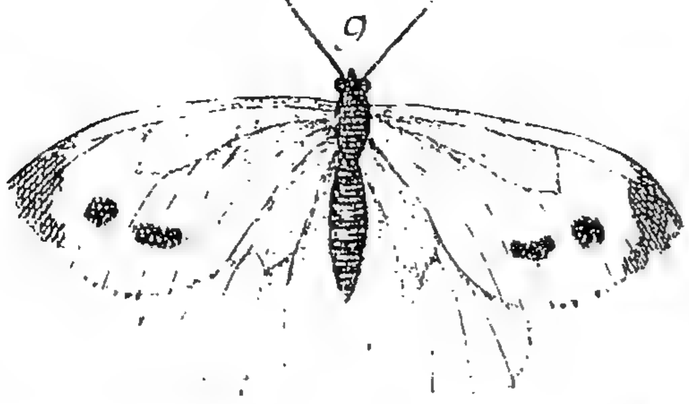
Fig. 1

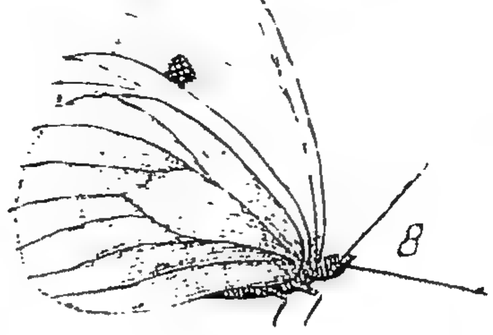


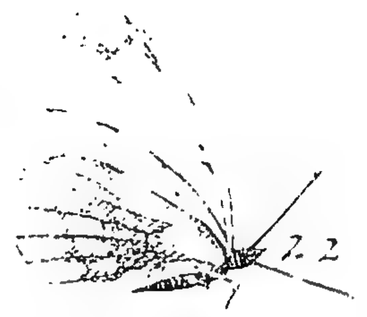


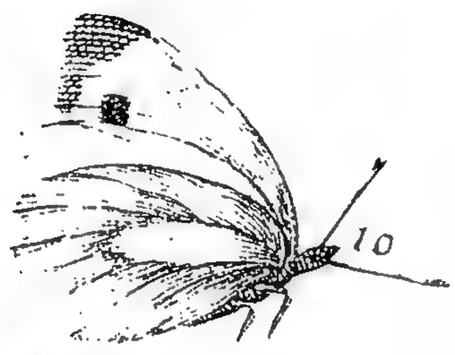


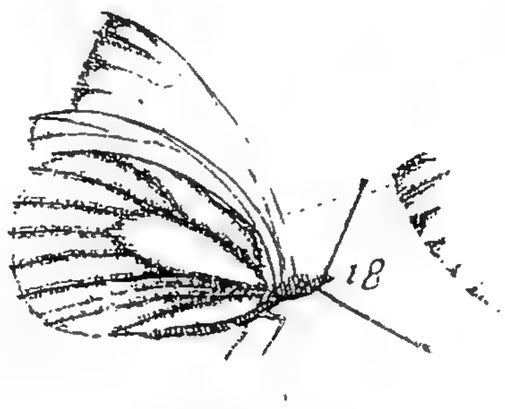


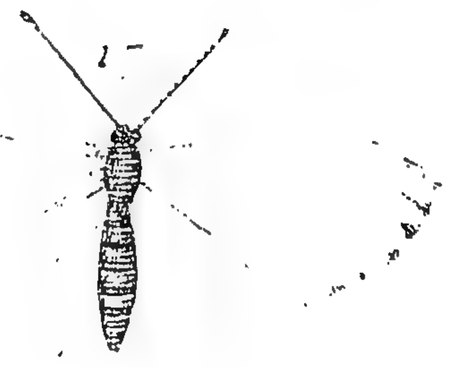


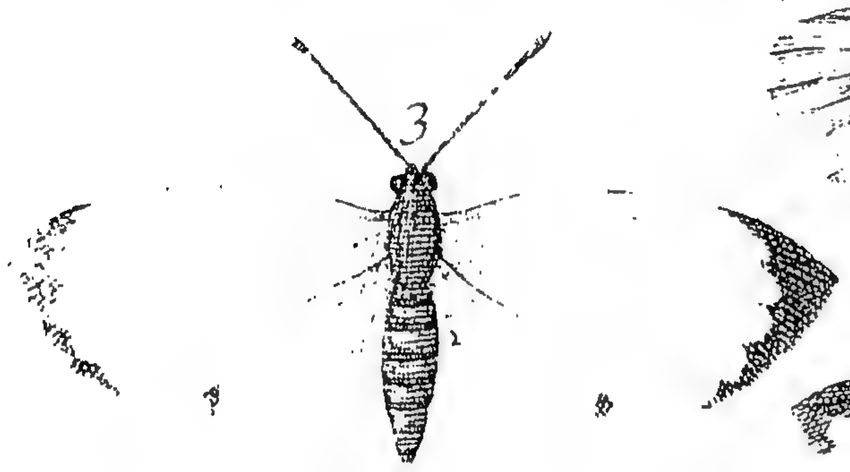


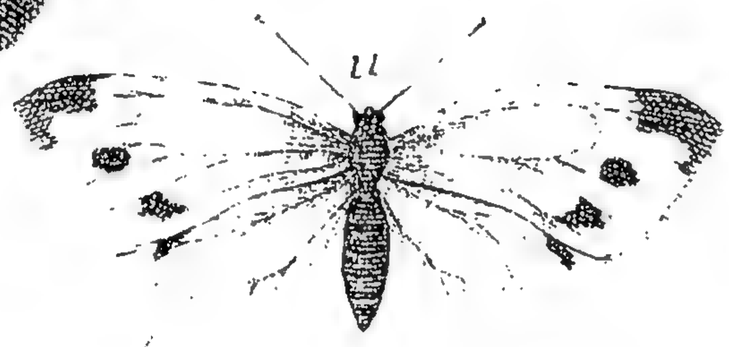


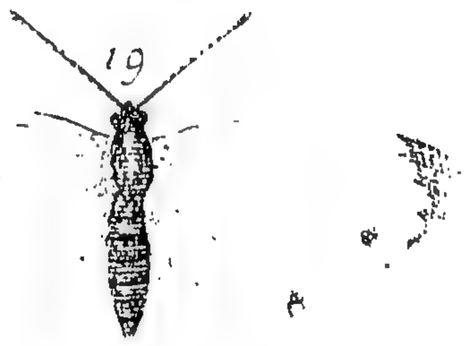


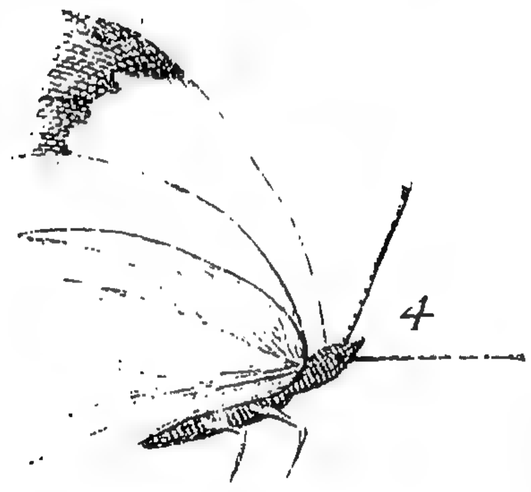


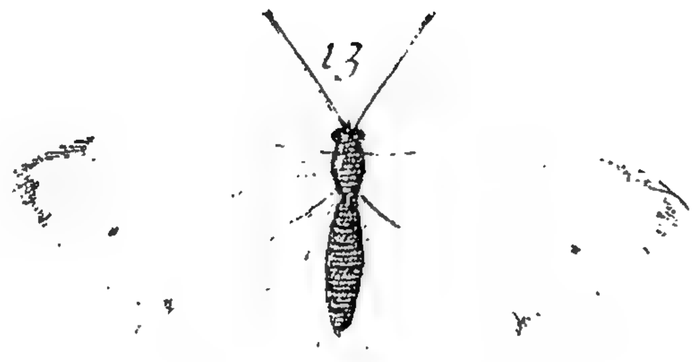


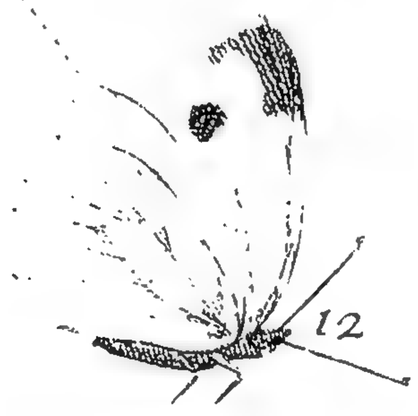


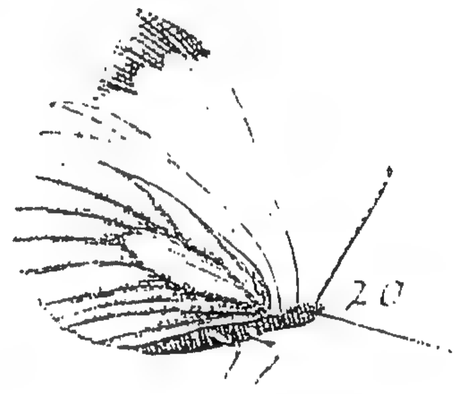


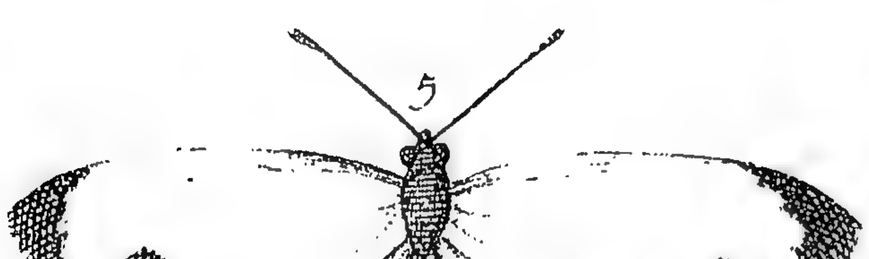




















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Fig. 1. P*Apiliunculus* cæruleſcens, *limbis* nigris, *Gaz. Nat.* 35. f. 2. Pale blue *Argus.* I firſt obſerv'd this in *Thickets* near *Banſtead-Downs*, about *July.*

2. *Idem*, lineâ ſubtùs nigrâ. Nicely *differs* from the *laſt*, by a ſmall *line* underneath.

3. Papiliunculus *cæruleus* vulgatiſſimus, *Gaz. Nat.* 35. f. 1. Blue *Argus*, Muſ. noſt. 318. *Ray* 131. 11. Very *common* on *Heaths* from *June* till *Auguſt.*

4. *Papiliunculus* cæruleus, *limbis* nigris. *Selvedg'd* blew Argus. *Found* with the *laſt*, but more rare.

5. *Papiliunculus* è cæruleo fuſcus. *Gaz. Nat.* 35. f. 3. Mixt *Argus.* It's brown above mix'd with blew.

6. Papiliunculus *cæruleſcens* minor, *limbis* nigris. *Differs* from *fig.* 4. in being *leſs* and with *ſmaller* eyes.

7. Papiliunculus è *fuſco-cæruleus.* This has *fewer Spots* underneath than *fig.* 5.

8. Papiliunculus *plumbeus.* Lead *Argus.* *Eyed* underneath like the foregoing, and found with them.

9. Papiliunculus *plumbeus* parvus. *Small* Lead Argus. *Leſs* than the *laſt.*

10. *Papiliunculus* fuſcus, *marginibus* aureis, *Gaz. Nat.* Tab. 35. f. 4. Edged, brown *Argus.* Its ground darker than the 2 laſt.

11. Papiliunculus *cæruleſcens*, ſubtùs punctatus. *Blue ſpeckt Butterfly.* I have obſerved this on *Holly* Trees.

12. *Papiliunculus* cæruleus, *apicibus* nigris, ſubtùs punctatus. *Blue ſpeckt Butterfly*, with black tipps. *Found* with the laſt.

13. Papilio *minor* ſuperne fuſcus, inferne *viridis.* Holly *Butterfly.* Becauſe I firſt obſerved it on that tree.

14. *Papilio* minor *aureus*, immaculatus, *Gaz. Nat.* 34. 9. in *Deſcript.* The *ſpotleſs Hog.* Ray 125. 22.

15. Papilio *minor* aureus, *ſtriâ* nigrâ diſtinctus, *Gaz. Nat.* 34. f. 9. Ray 125. 21. *Streakt* Golden Hog.

16. Papilio *minor* ex aureo & fuſco mixtus, *ſtriâ* nigrâ *Gaz. Nat.* 34. f. 8. Streakt *cloudy Hog.* Differs from the laſt in being clouded with brown.

17. Papilio *minor* ex aureo & fuſco *mixtus*, Gaz. Nat. 34. f. 7. *Cloudy Hog.* This has no *Slants.* All theſe *Varieties* are found in the *Woods*, &c. about *Hampſtead.*

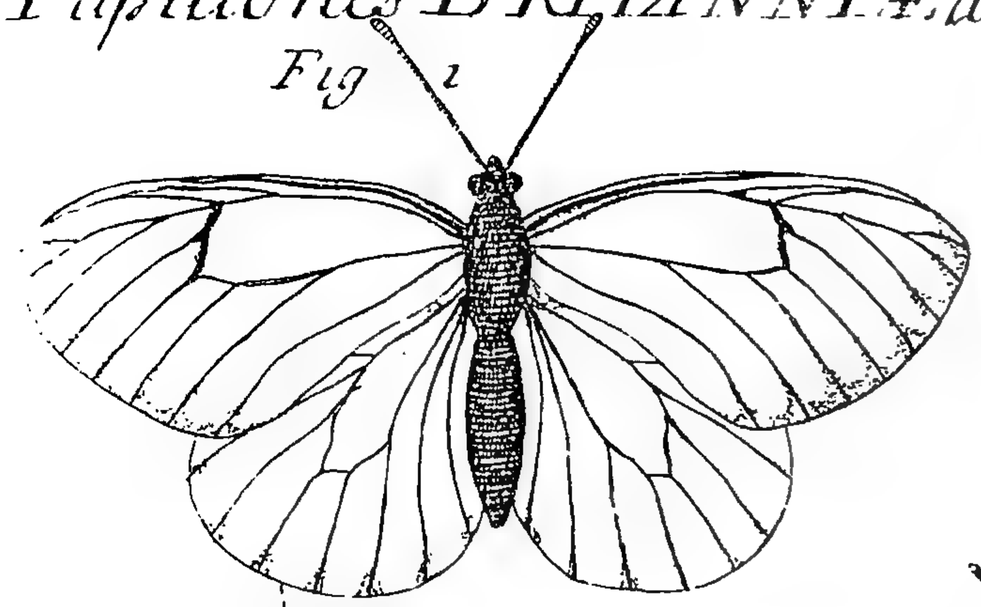
Ab *Autore* nuper editi.

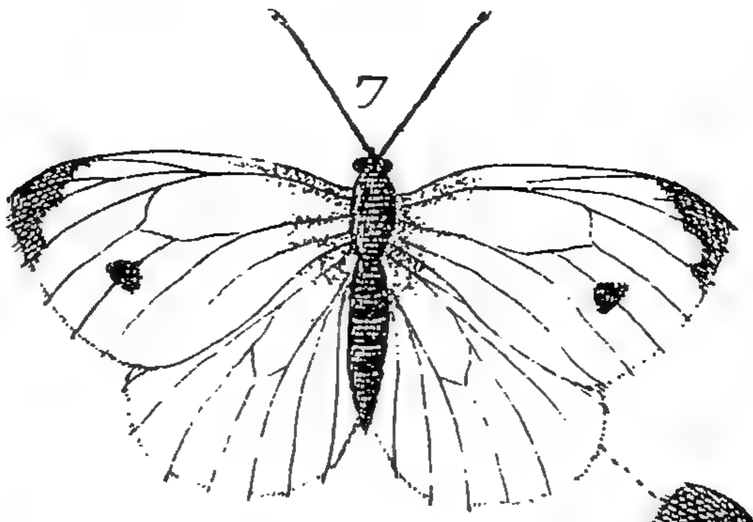
1. Petiveriana 1. 2 & 3. ſive *Collectanea* NATURÆ, Domi Foriſque *Autori* Communicata. *Lond.* Fol.
2. *Hortus* Peruvianus *Medicinalis*: or the *South Sea Herball.* Illuſtrated with many *curious Figures* of divers *Medicinal Herbs*, Gum-Trees, *&c.* growing in thoſe Parts with their *Virtues* and *Uſe.* Lond. *Fol.*

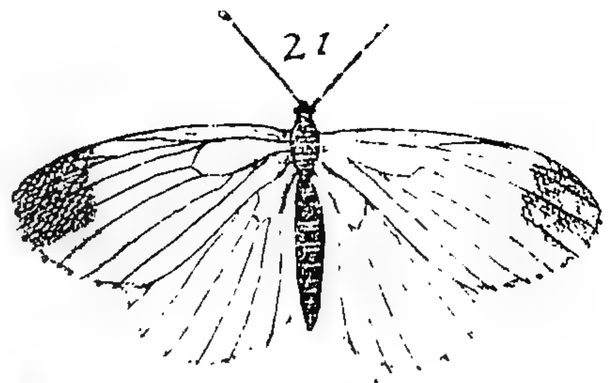
LONDON, Printed for the Author in *Alderſgate-ſtreet.* MDCCXVII.

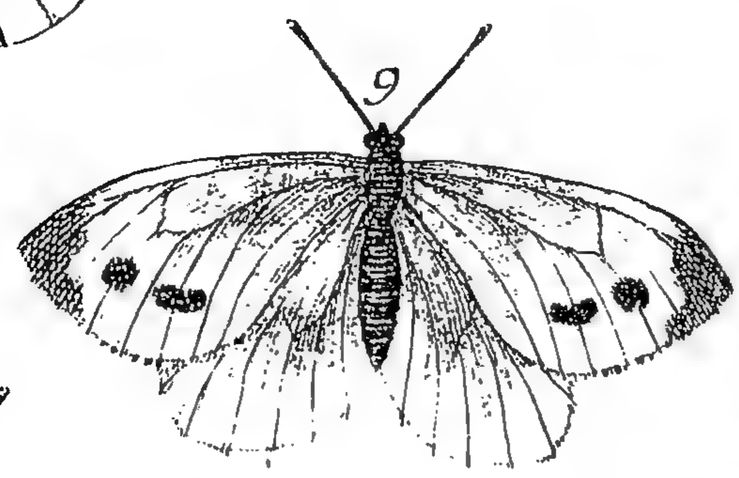
Papiliones BRITANNIÆ *albidæ* ENGLISH *White* BUTTERFLIES *Tab I*

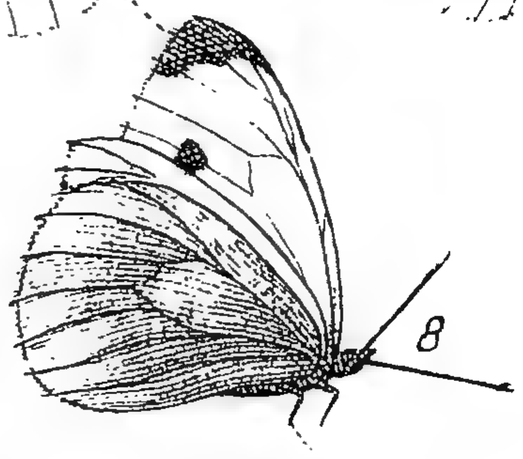
Fig 1

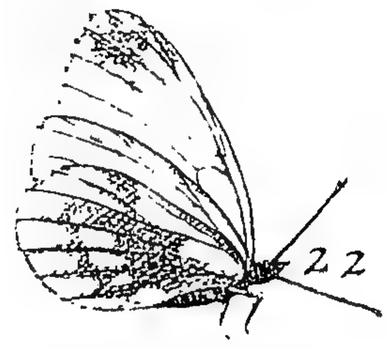


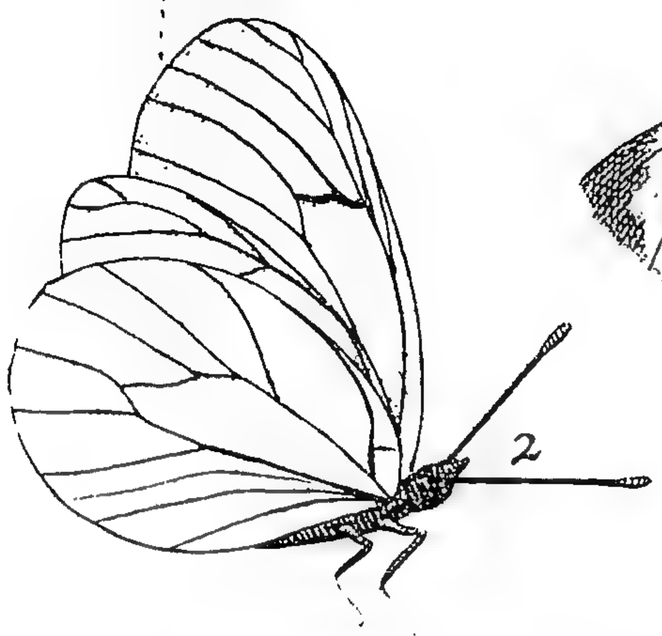




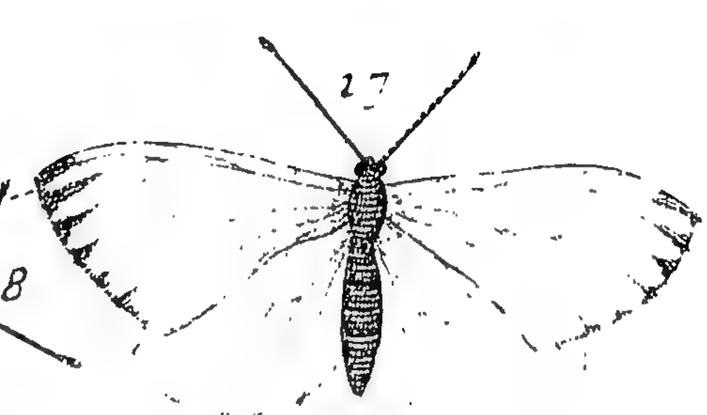


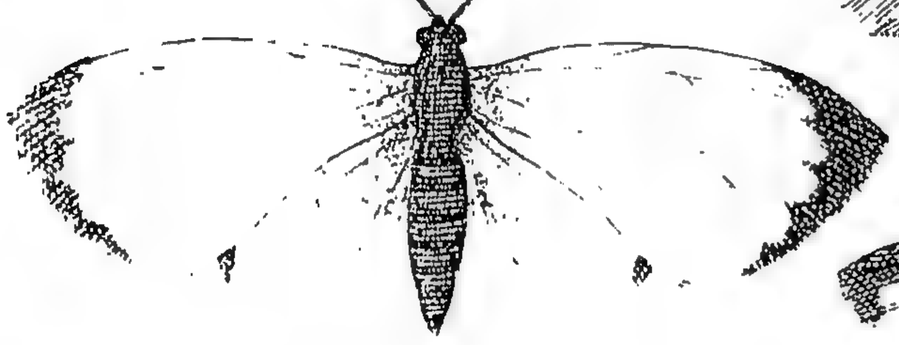


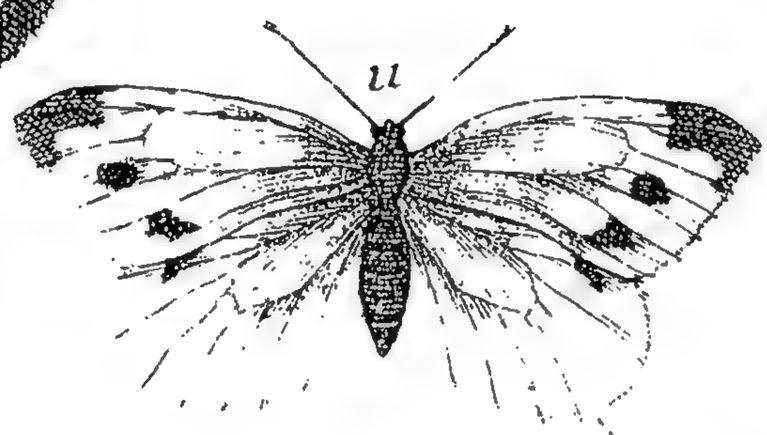


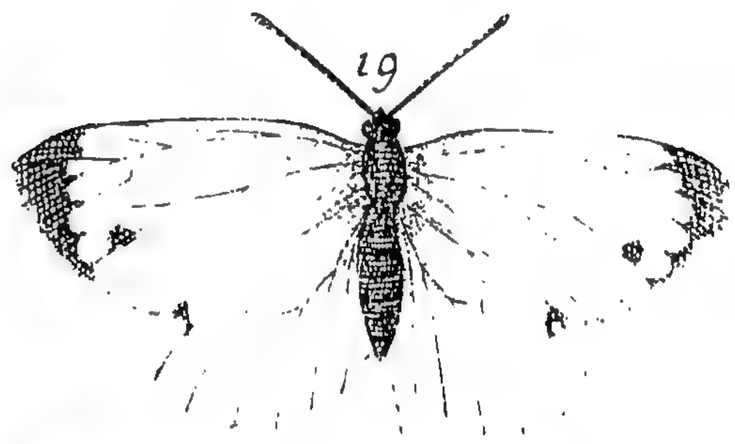


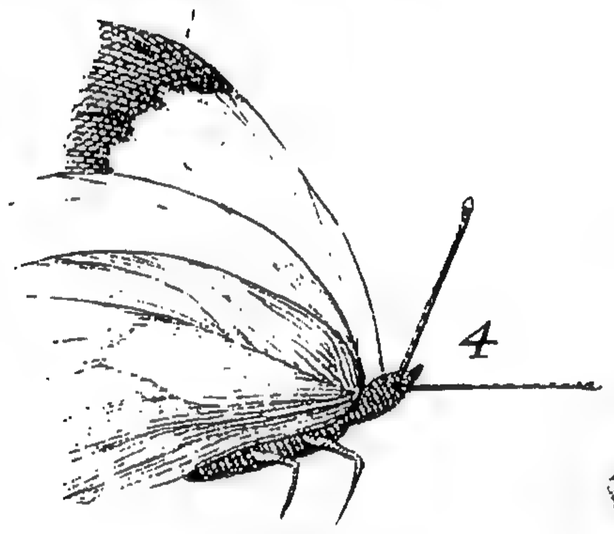


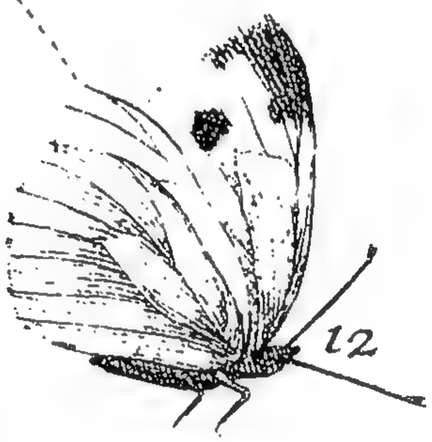


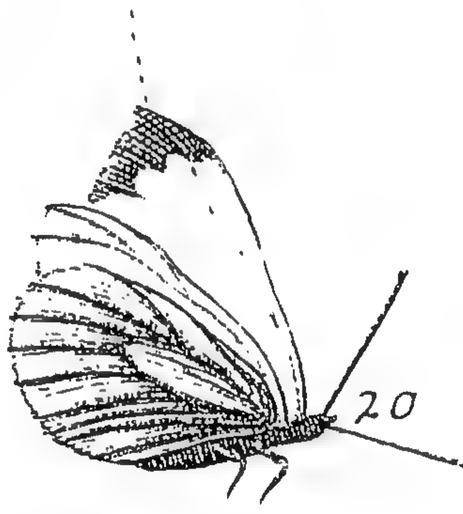


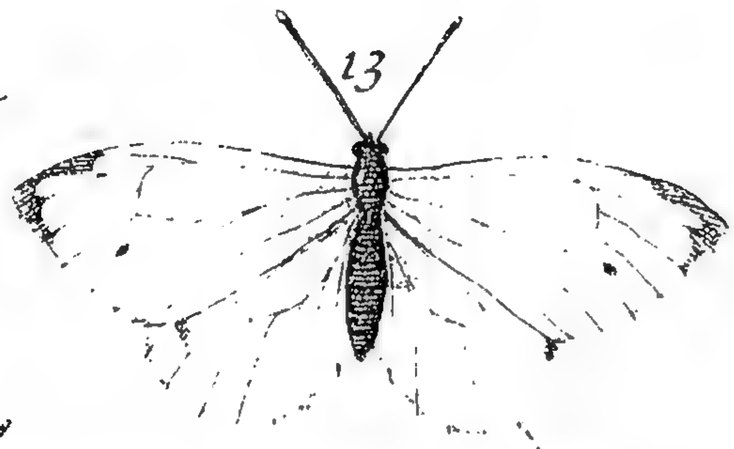


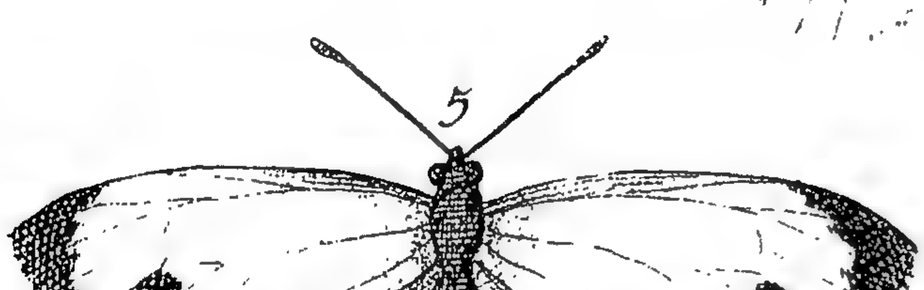




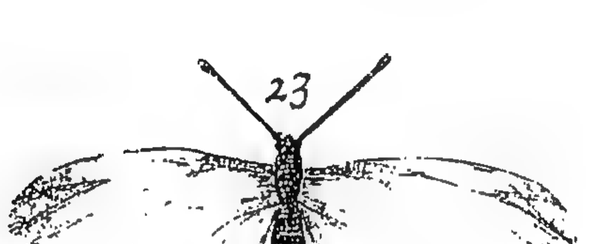




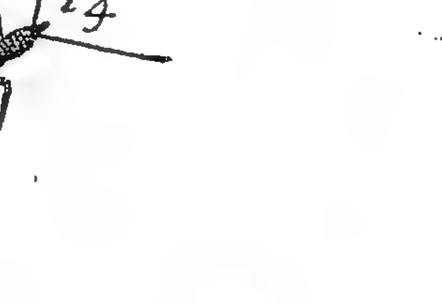




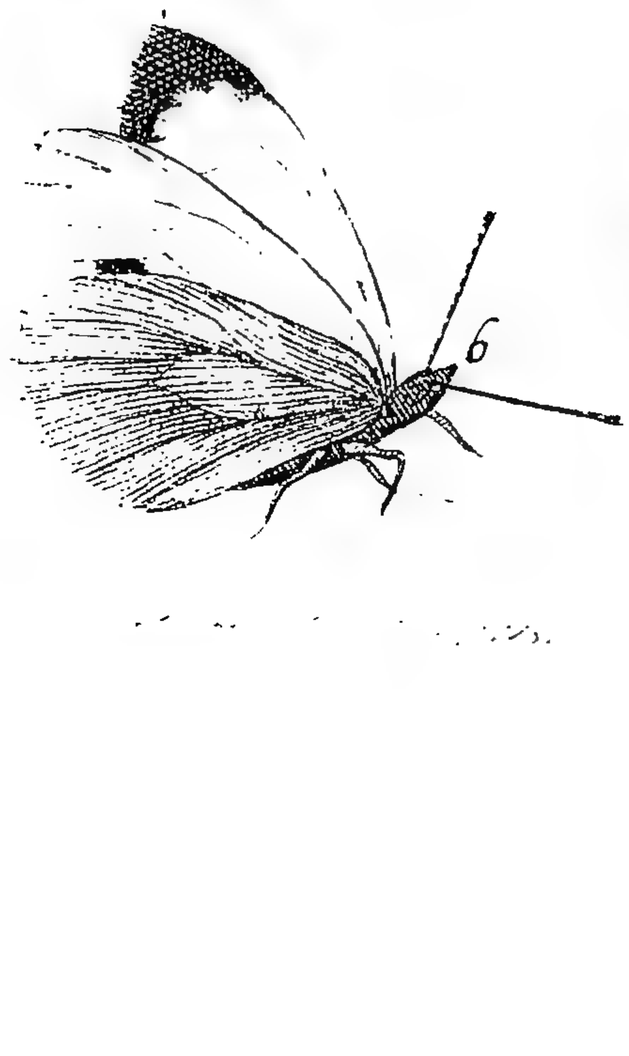


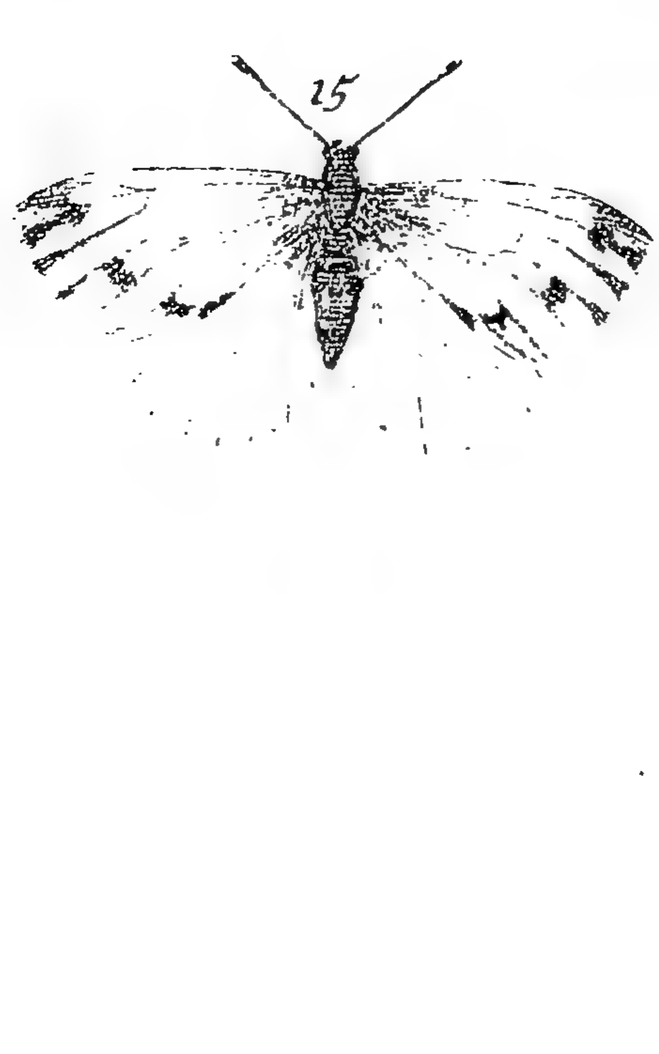


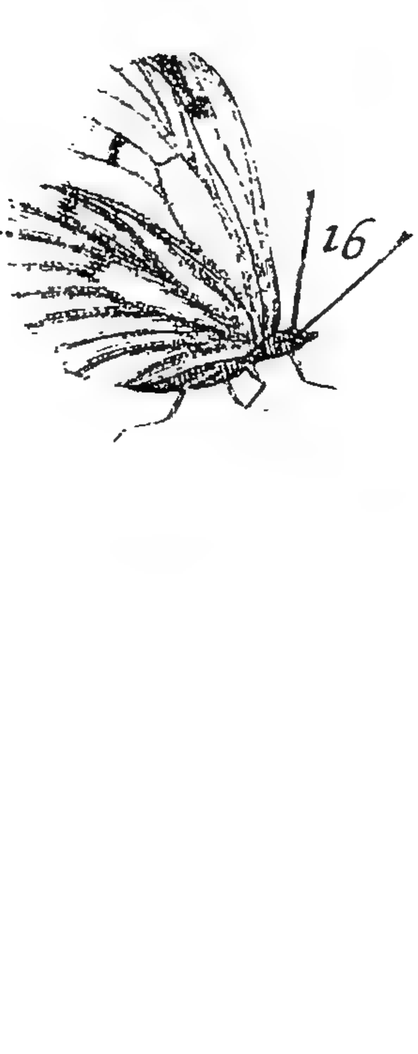


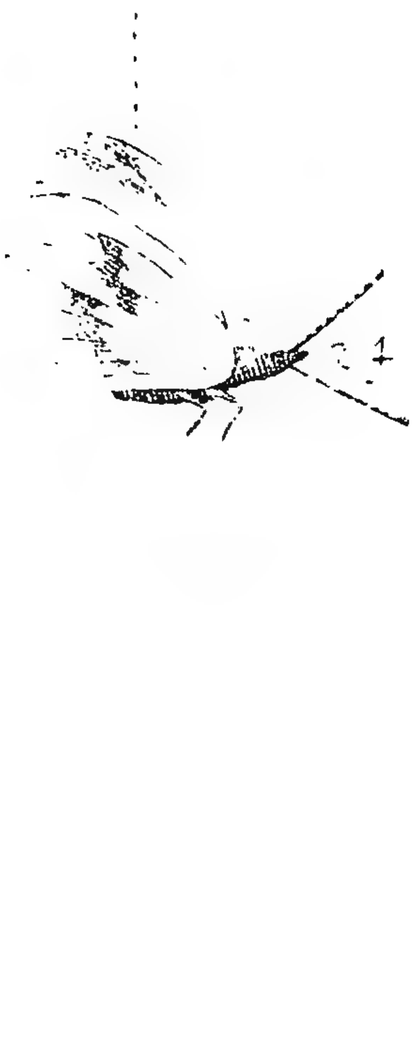








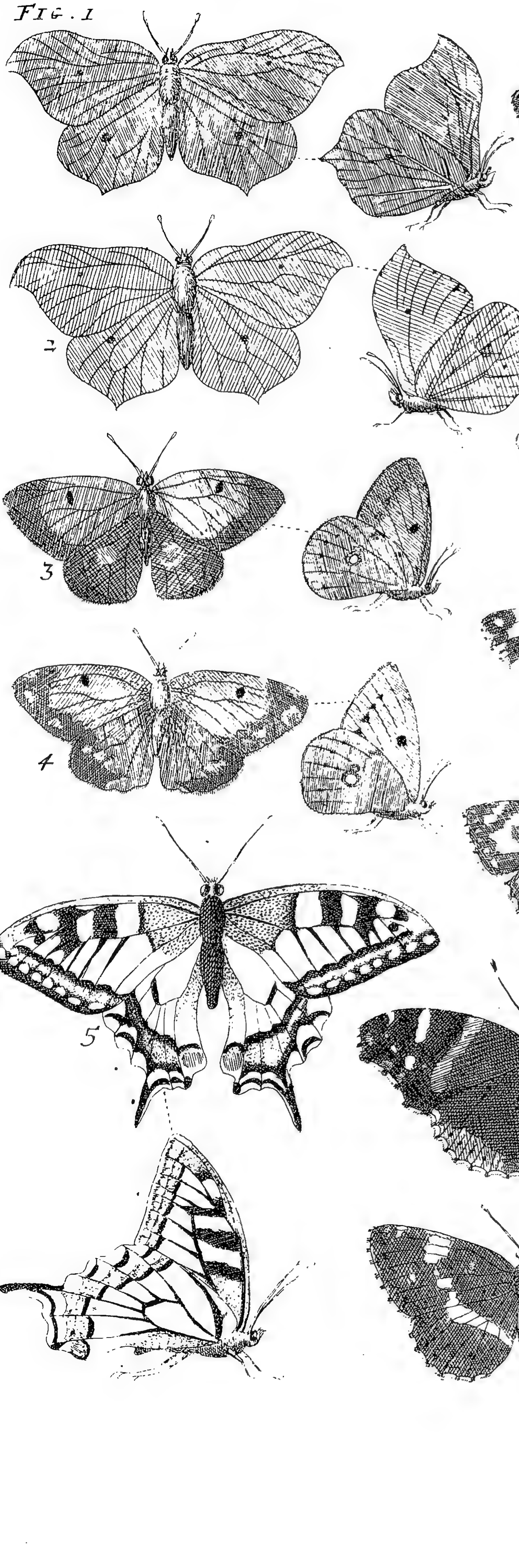




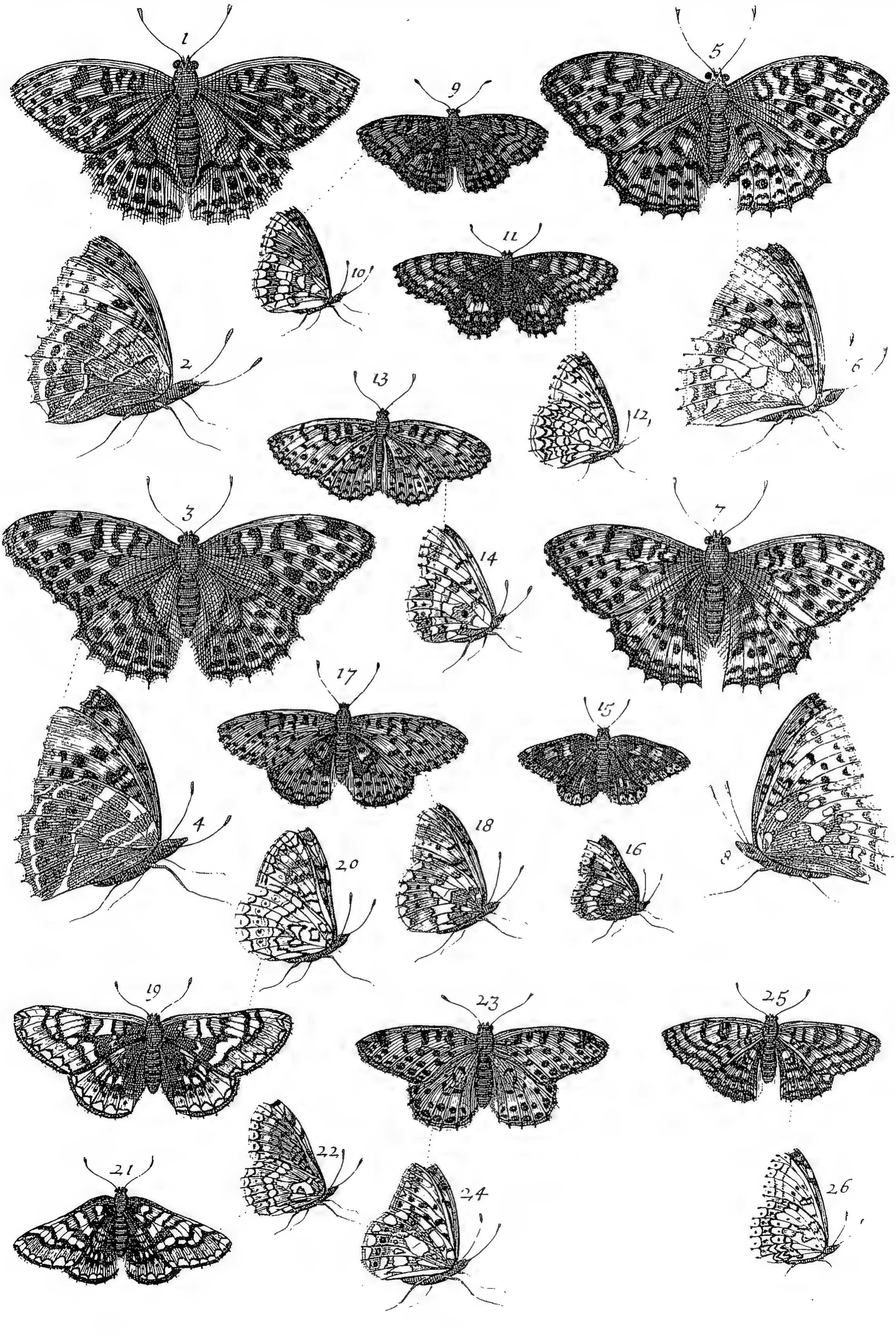
Papiliones *BRITANNIÆ* Luteæ. Albæ &c *Mixtæ*. TAB. II

ENGLISH Yellow, White & *other mixt-* *BUTTERFLIES*.

FIG. 1



Papiliones *BRITANNIÆ maculatæ. ENGLISH Spotted* Butterflies *TAB.* III



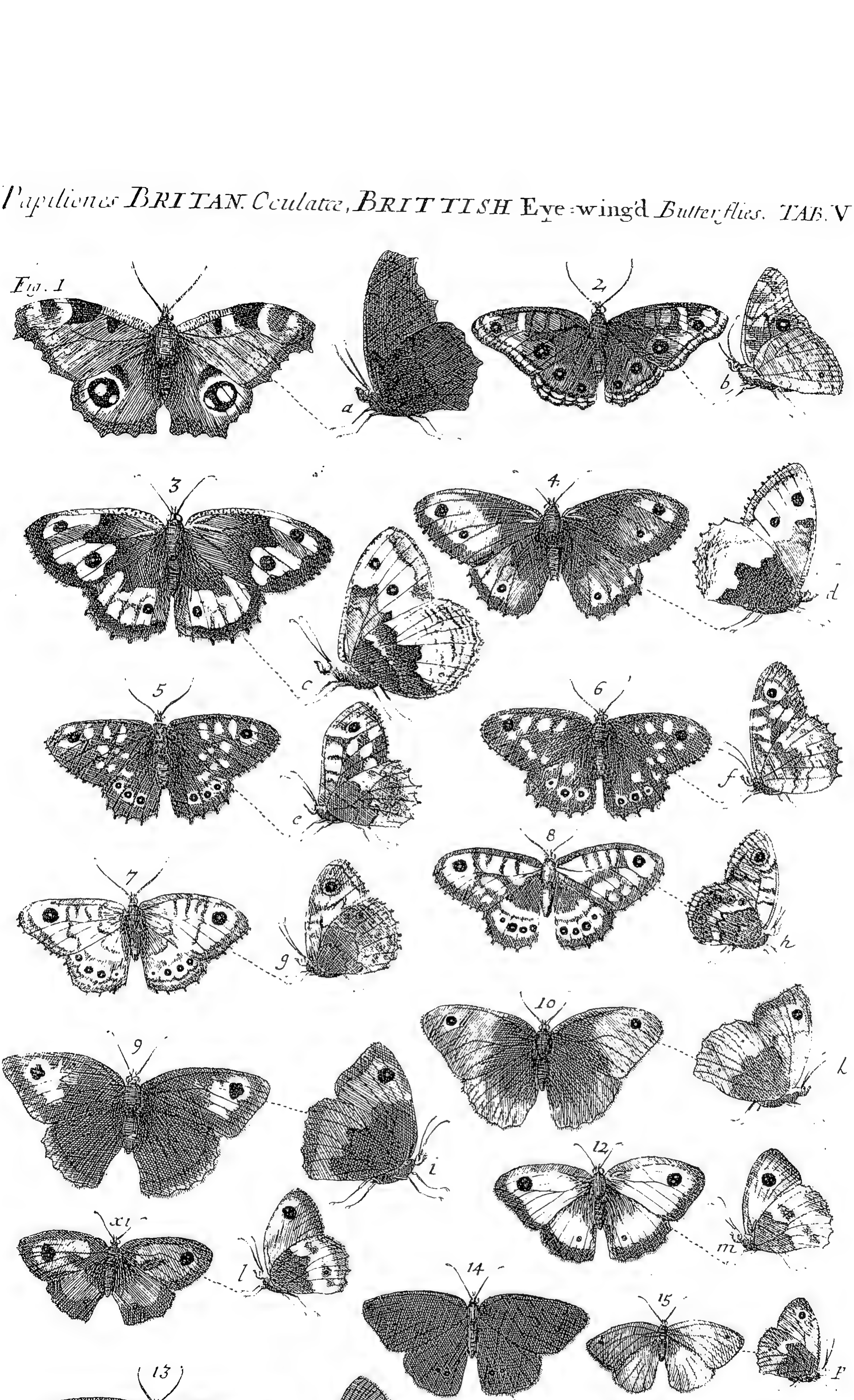
Papiliones *BRITAN.* *maculatæ & fasciatæ.* ENGLISH *Spotted & Streaked* BUTTERFLIES

TAB. III

H. Tompson, sculp. et Exc.

Papiliones BRITAN. Oculatæ, BRITTISH Eye-wing'd *Butterflies. TAB. V*

Fig. 1



Sutton Nicholls sculp.

Papiliunculi *BRITANNIÆ* cæruleſcentes, aurei &c TAB. I.
Small *ENGLISH, Blue, Golden & Brown Butterflies.*

MONSPELII Desiderata in *Plantarium* CATALOGUS.

E *RAIO*, Magnolo, Chabræo, C. & I. B. &c.

A *Jacobo Petiver*, Societ. Regal. Soc. *LONDINI*.

1 ABsinthium *Seriphium* Gallicum CB. Fl. Aug. R. 370. 15.
2 Acanthium *Illyricum* Park. 979. f. 2. Ray 313. 2.
3 Acer *Monspessulanum* Lugd. 95. f. 3. *Ray* 1701. 3.
4 *Acetosa* lanceolata anguſtifolia CB. prodr. 55. 5. [12.
5 *Ac. tosa* marit. *fol.* ſinuatis & dentatis Bot. Monſp. 4. R. 175.
6 *Ageratum* fol. ſerratis *Monſp.* majus pallido luteo fl. BM. 6.
7 Alcyonium 1 CB. *Chabr.* 579. H. 5. R 82. 1.
8 *Alcyonium* 12 ſive *Buſa marina* CB. Chabr. 570. Ic. 1. R. 83. 8.
9 *Aloe* longiſſimo, lato, tenuique folio B. pr. 154. R. 74. 2.
10 *Aloe* criſpa, *Scabioſa* rubra & pallida I. B. *Chabr.* 569. 2.
11 Allium ſ. *Moly* mont. 3 Cluſ. 194. fig. *Fl.* Jun. R. 1117. 3.
12 *Allium* mont. bicorne *fl.* obſoletiore CB. *Fl.* Aug. R. 1118. 7.
13 Allium *Juncifolium*, bicorne *luteum* CB. R 1118. *Var.*
14 Allium ſ. *Moly* mont. 5. *Cluſ* 195. f. 1. R. 1120. 5. *Fl.* I. & Y.
15 *Allium* ſylv. ſ. *Moly* anguſt. umbellat. CB. *Fl.* Maio.
16 *Allium* ſylv. minus, *Roſeo* amplo *flore* BM. 10. fig. *Fl.* Maio.
17 *All.* ſ. Moly *moſcatum* capillaceo folio CB. pr. 28. ſ. *Fl.* Sep.
18 *Alſine* tenuifolia muſcoſa CB. Fl. *Jun.* Lugd. 1235. f. 1.
19 *Alſine* nodoſa *Gallica* CB. 251. 18. Lugd. 1234. f. 2.
20 Alſine *Spergulæ* facie minima BM. 14.
21 Alſine *fœtidæ* quodammodo ſimilis, laciniata I.B. 1. 24. p. 366.
22 *Alſine* aq. minor & fluitans CB. 251. 3. *Ger.* 490. f. 10.
23 *Althea* fl. majore CB. *Thuringiaca* CAM. H. 12. f. 6. R. 602. 2.
24 *Althea* arborea Olbiæ Ad. 294. f. *Lugd.* 592. f. 3. R. 603. 1.
25 *Anchuſa* puniceis floribus CB. *Fl.* M. & Apr. R. 496. 2.
26 *Anchuſa* lutea *Ad.* 248. f. 1. minima *Obſ.* 312. Fl. M. & *Jun.*
27 Androſaces CAM. 638. fig. *opt.* CB. 367. 2. R. 66.
28 *Anonis* minima hirſuta *Cherleri* I.B. Chabr. 168. Ic. 6.
29 *Anonis* viſcoſa ſpinis carens, *lutea* latif. BM. 21. Fl. Aug.
30 *Anonis* ſpinis carens, lutea minor BM. 21. *Fl.* Aug.
31 *Anonis* puſilla glabra frut. *Cherl.* I.B. 2. l. 17. p. 394. f.
32 Anthyllis *Valentina* Cluſ. *Fl.* Maio &c. R. 215. 8.
33 Antirrhinum maj. rotundiore fol. CB. R. 760. 2. Var.
34 *Antirrhinum* fol. diſſecto CB. 211. 4. R. 761. 4. (& Jun.
35 *Antirrhinum* ſaxat. *Serpilli* folio 24. *fig.* B. pr. 106. *Fl.* M.
36 *Aquilegia* hirſuta fl. viſcoſo BM. 26. prope *Meyriols.*
37 Aſter *Conyzoides* Monſpelienſium H. *Bleſ.* Fl. *Jun.*
38 Aſter *mont.* lut. *Salicis* glabro fol. CB. *Ad.* 147. 2. R. 266. 1.
39 Aſter *auricomus* glaber latif. fol. non rigido I.B. R. 266. 3.
40 Aſter *Atticus* lut. Mont. villoſus, magno flore CB. *Fl.* Jun.
41 Aſter *Tripolii* flore CB. *Ad.* 147. Fig. *Fl.* Sept. R. 269. 17.
42 *Aſtragalus* incanus, ſiliquâ incurvâ 33. *fig.* B. pr. 149. Fl. Apr.
43 *Atriplex* ſylv. *lappulas* habens B. *pr.* 58. 1. R. 197. 7.
44 *Atriplex* ſylv. fructu *Roſeo* compreſſo B. pr. R. 192. 5.
45 *Bellis* mont. fol. obtuſo crenato B. pr. 121. 4. R. 351. 7.
46 *Bellis* montana minor I.B. *Chabr.* 361. 6. (Aut.
47 *Bellis* media caule carens CB. *Chabr.* 361. Ic. 5. *Fl.* Vere &
48 *Bitumen* minus fol. ex albo & viridi variegatis BM. 38.
49 *Braſſica* arvenſis CB. *Fl.* Vere. *Lugd.* 524. f. 3. R. 796. 13.
50 *Brunella* Hyſſopifolia CB. *Chabr.* 474. Ic. 2. R. 552. 5.
51 *Bulbocaſtanum* majus *Apii* folio CB. *Fl.* Jun. R. 440. 1.
52 Buphthalmum *Cotulæ* fol. CB. Cluſ. 332. R. 341. 10.
53 *Bupleuron fol.* rigido CB. *Fl.* Y. & Aug. R. 474. 2.
54 *Bupleuron* ann. anguſtifolium BM. 42. *Fl.* Jul. &c. R. 474. 3.
55 *Campanula* fol. *Echii* fl. villoſis B pr. 36. f. 1. R. 733. 1c.
56 Camphorata *Monſpelienſium* I.B. *Chabr.* 454. f. 6. *Fl.* A. & Sept.
57 *Camphoratæ* congener. CB. *Fl.* Y. & Jul. R. 210. 2.
58 *Carduus* prat. *Aſphodeli* rad. latifolius CB. *Chabr.* 347. Ic. 3.
59 Carduus *Cirſium* dict. fol. laciniato nigrius I.B. Jun.
60 Carduus *Galactites* I.B. *Fl.* Vere *Chabr.* 348. f. 2. R. 313. 6.
61 Carduus *Acanthoides* I.B. Fl. *Mart.* Chabr. 350. f. 6. R. 309. 3.
62 Carduus *Lanceolatus* ferocior I.B. *Fl.* Jun. *Chabr.* 349. f. 2.
63 Carduus *Sphærocephalus* cærul. minor CB. *Chabr.* 351. f. 4.
64 Carduus monſtroſus I. B. *Chabr.* 348. f. 4.
65 *Carduncellus* Montis *Lupi* Ad. 374. f. R. 316. 8.
66 *Carduncellus* Montis *Lupi* fol. non ſpinoſis BM. 51.
67 Carlina *Richeri* BM. 51. *Fl.* Y. & Aug.
68 *Carlina* ſylv. minor *Hiſpanica* Cluſ. 157. f. 1. *Fl.* Y. & Aug.
69 Caryophyllata *Alpina* lutea CB. *Fl. Jun.* R. 608. 7.
70 *Caryophyllus* ſylv. repens *multiflorus* B. *pr.* 104. 2.
71 Caryopyllus *Saxifragus* CB. Fl. *Jun.* (*Fl.* Jun.
72 *Caryophyllus* ſaxat. *Ericæ* fol. umbellatis corymbis B. pr.
73 *Caryophyllus* arv. glaber minimus B. *pr.* 105. 11. f.
74 Caryophyllus *Holoſt.* toment. anguſtifolius B. pr. *Fl.* Jun.
75 *Caryophylli* minimi ſpecies fl. albo BM. 54. *Fl.* May. *Ch.* 449.
76 *Caucalis* pumila *maritima* CB. R. 467. 4. (fig. 4.

77 *Centaurium* minimum pulp. ramoſum BM. 57. *Fl.* Jul.
78 *Centaurium* puſillum luteum CB. R. 1092. 4.
79 *Chamæmelum* leucanthemum magno flore CB. *pr.* 74. 1.
80 *Chamæmelum* maritimum *Dal.* Lugd. 1394. f. 1. *Ad.* 345. f.
81 *Chelidonia* rotundif. major B. *pr.* 137. R. 583. 2.
82 *Chondrilla* viſcoſa, caule foliis obducto CB. *Fl.* Aug. &c.
83 *Chondrilla* viminea *Monſpelıaca* B. pr. R. 223. 9. (I. 1.
84 *Chondrilla* fol. *Cichor.* tomentoſis CB. *Fl.* Vere *Lugd.* &c.
85 *Chondrilla* puſilla *marit.* lutea, bulboſa Ad. 83. 1. *Fl.* Jul.
86 *Chondrillis* affinis quædam laciniata BM. 64. R. 227. 2.
87 *Eadem* minor BM. 65. Fl. *Apr.* circa *Gigean.*
88 *Cirſium* fol. non hirſutis, *fl.* compactis CB. *Chabr.* 346. 2.
89 *Ciſtus* mas 1. *Cluſ.* 68. f. 2. fol. oblongo incano CB. *Fl.* A.
90 Ciſtus *Salviæ* folio CB. *fœm.* Cluſ. 70, f. (& Maio.
91 *Eadem* virgis humiſpartis BM. 67.
92 *Ciſtus* fœm. *Monſpel.* fl. Roſeo BM. 67.
93 Ciſtus *Ladanifera* Monſpel. CB. *fol.* lationibus BM. 67.
94 *Chamæciſtus* v. Cluſ. 75. f. 1. fol. minor. & incanis CB.
95 *Chamæciſtus* 4. Cluſ. 74. f. 2. fol. *Thymi* incanis CB. Fl. jun.
96 *Helianthemum* fol. *Thymi* incano I.B. *Chabr.* 102. 2. R. 1016. 11.
97 *Helianth.* fol. *Sampſuci* capit. valde hirſutis I.B. Ch. 101. 4.
98 *Chamæciſtus* 2. Cluſ. 73. f. 2. repens *Scapilliſolia* lutea CB.
99 *Chamæciſtus* 3. Cluſ. 74. f. 1. fol. *Myrti* minoris incanis CB.
100 *Ciſtus.* ann. *fol. Ladi,* fl. luteo I.B. *Ch.* 99. f. 6. R. 1013. 4
101 *Clematis* minor ac anguſtiſſimis foliis BM. 70.
102 *Clematis* maritima repens B. pr. 135. R. 621. 3. Var. (*Fl.* Oct.
103 *Clematis* parva, *Montibus* propè *Caſteneuf* I.B. l. 15. p. 127.
104 *Convolvulus* major *albus* maritimus &c. BM. 73. *Ad.* 274.
105 *Convolvulus* Spicæfolius *argenteus*, rad. repente BM. 74.
106 *Conyza* caul. rubent. tenuioribus *fl.* luteo nudo BM. 76. f.
107 Conyza *tuberoſa* lutea &c. BM. 77. *maxima* Lugd. 1366. f. 1.
108 Conyza *Helenitis* mellita incana Lob. Ic. 347. R. 263. 1.
109 *Coralina* fruticoſa recta alba CB.
110 Coronopus *Serpentina* I.B. Chabr. 500. f. 2. R. 880. 8.
111 Crocus *vernus* anguſtif. 2. *Cluſ.* 207. 1. 2. *Fl.* M. & Apr.
112 *Cytinus* peramarus ſupinus, *capit.* ſquarroſis &c. *Ad.* 236. *Fl.*
113 Cyclamen *Byzantinum* Cluſ. 263. *Fl.* Mart. (Aug.
114 Cynogloſſum *Cret.* anguſto argenteo fol. CB.
115 *Cytiſus* fol. anguſtis quaſi complicatis CB. *Fl.* Maio.
116 *Daucus* glauco folio, ſimilis *Fœniculo* tortuoſo I.B.
117 Dens *Leonis* latiore & rotundiore *folio.* BM. 85.
118 Dens *Leonis* minor *fol.* aſpero B. pr. 63. R. 240. 11.
119 *Echium* mag. & aſperius *fl.* albo CB. *Fl.* Y. & Aug.
120 *Elatine* fol. acuminato *fl.* cæruleo CB. *Fl.* Aug.
121 *Erica* max. *alba* CB. prima *Cluſ.* 41. f. R. 1714. 5.
122 *Erica* 2 altera Cluſ. 42. f. 1. R. 1714. 7.
123 *Erica* 3 Cluſ. 42. f. 2. R. 1715. 8.
124 *Erica* 5 Cluſ. f. 1. R. 1715. 10.
125 *Eruca* ſylv. minor incana B. *pr.* 59. R. 859. 7.
126 *Euphraſia* purp. minor BM. 94. *fig.* B. pr. *Fl.* Maio.
127 *Euphraſia* prat. *lutea* CB. Fl. *Aug.* R. 773. 6.
128 *Faba* ſylv. fl. tot. atro CB. *Chabr.* 140. 6.
129 Ferula *fœm.* Plin. CB. R. 410. 1.
130 *Ficus* ſylv. *Dioſc.* Caprificus *Plin.* CB. R. 1433. 2.
131 *Fœnumgræcum* ſylv. *Dal.* Lugd. 481. f. *Fl.* M. & Jun.
132 *Fœnumgræcum* ſylv. alterum polyceration CB. *Lugd.* 446. f. *Fl.* Apr. R. 954. 3.
133 *Fucus* tenuis *Fœniculaceus* BM. 100. Chabr. 571. f.
134 *Fucus* fol. *Ericæ* BM. 100. Chabr. 571. f. R. 73. c. 4.
135 *Fucus* fruticoſus, caudice verrucoſo BM. 100. *Chabr.* 571. f.
136 *Fumaria* tenuiſſimis foliis, *fl.* albo CB. *Fl.* Vere.
137 *Fungus* Eryngii BM. 103. *Brigoule* vulgò.
138 *Geniſtella* pinoſa I.B. *Chabr.* 84. f. 5. Fl. *Apr.* R. 1725. 1.
139 *Geniſtella* ſpinoſa *Monſpel.* B. pr. 157. R. 1728. 3.
140 Geranium *Columb.* tenuius laciniatum B. *pr.* Fl. *Vere.*
141 *Geranium* Petræum *Cicutæ* fol. *rad.* craſſa BM. *fig.* 103.
142 *Gnaphalium* minus repens CB. *Lob.* Ic. 481. 2. Fl. *Maio.*
143 Gnaphalium *Roſeum* B. pr. 122. f. Fl. *Maio.* R. 297. 12.
144 Gramen *Caninum* arvenſe CB. *Lob.* Ic 23. 2.
145 Gr. *Caninum* marit. ſpicatum CB. pr. 2. f. 2.
146 Gr. *Canin.* marit. aſperum B. pr. 2. f. 2. Fl. *Aug.*
147 Gr. *Tremulum* minus paniculâ parvâ CB. pr. 4. f. 2.
148 Gr. *prat.* ſpica pulp. ex utriculo proveniente CB.
149 Gr. *Typhoides* molle CB. Lob. Ic. 8. 2. R. 1266. 10.
150 Gr. Phalaroides magus CB. Lob. Ic. 8. 1. R. 1264. 1.
151 Gr. *Aſperum* [illegible] ſpica longiore CB. *Lugd.* 450. f.
152 Gr.

152 Gr. *Aegilopos* minor ſpicâ longiore CB. h. 1266. 13.
153 Gr. *ſpicâ* ſubrotundâ *echinatâ* B. *pr.* 16. f. R. 1268. c. 10
154 Gr. *tomentoſum* ſpicatum CB. *Lugd.* 430. f.
155 Gr. *Paniceum*, ſpicâ ſimplici CB.
156 Gr. *Arundinaceum* ſpicâ multiplici CB.
157 Gr. *Arundin.* marin. maximum *Ad.* 4.
158 Gr. *Arundin.* ramoſum plumoſum *album* CB. R. 1280. 2.
159 Gr. *Cyperoides* latif. *ſpicâ* ſpadiceo viridi *majus* CB.
160 Gr. *Cyperoid.* panicula ſparſa minus CB.
161 Gr. *Cyperoides* maritimum CB. Ad. 44. f. R. 1298. 17.
162 Gr. *Cyperinum* nemoroſum Tab. R. 1298. 16.
163 Gr. Sparteum *Monſpel.* f. capillaceum fol. minimum CB.
164 Gr. *Loliaceum* minus, ſpica ſimplici CB. R. 1264. 6.
165 *Idem* minimum BM. 120. Luco *Gramuntio.*
166 Gr. *Loliac.* minus ſupinum, *ſpicâ* multiplici CB.
167 Gr. *Loliaceâ* panicula ramoſa, *maritimum* BM. 120.
168 Gr. *Phœnicoides* fol. convolutis &c. argenteis BM. 120.
169 Gr. Spica *Briza* majus & minus CB. R. 1257. c. 2.
170 Gr. *Tremulum* Monſpel. BM. 121. pl. 6. CB. *Theatr.*
171 Gr. *Aven.* max. utriculis lanugine albâ, *ariſt.* longiſſimis BM. 121. *fig.* Fl. *Maio.* R. 1290. 12.
172 Gr f. *Feſtuca* longiſſimis ariſtis CB. R. 1290. 13.
173 Gr. *Aven.* locuſtis rubri montanum B *pr.* 20. f.
174 Gr. *Aven.* mont. lanuginoſum CB. R. 1269. 5.
175 Gr. *Aven.* lanug. glumis rarioribus B. *pr.* 20. f. 2.
176 Gr. rubrum *Monſpelienſe* I.B.
177 Gr. aliud *Monſpelienſe* I.B.
178 Gr. aliud glabrum *Monſpelienſe* I.B.
179 Gr. ſupinum *Monſpelienſe* Laugerii *Lob.* illuſtr.
180 Gratiola f. *Hyſſopifolia* anguſtioribus foliis CB. pi
181 *Groſſularia* non ſpinoſa BM. 123.
182 *Stœchas* citrina altera *Ad.* 203. f. R. 283. 11.
183 *Stœchas* citrina altera inodora *Ad.* 204. f. R. 283. 10.
184 *Helleborine* fl. albis I.B. Fl. *Malo.*
185 *Helleborine* 2 Cluſ. 272. *mont.* anguſt. purp. CB. Fl. *Maio.*
186 *Helleborine* 3 Cluſ. 273. f. *anguſt.* prat. CB.
187 *Heſperis* ſylv. fl. parvo B. *pr.* 103. 1.
188 *Hieracium* pulchrum I.B. *Fl.* æſt. tota. R. 234. 17.
189 *Hieracium* minimum *falcatum* B. pr. 64. 13.
190 *Hieracium* D. Leonis folio *bulboſum* B. pr. 63. 5.
191 *Hieracium* minus D.L. fol. ſubaſpero CB. R. 229. 1. (B. *pr.*
192 *Hieracium* D. L. fol. hirſutie aſperum minus laciniatum
193 *Hieracium* parvum hirſutum, caule aphyllo I.B. R. 246. 2.
194 *Hieracium* 1. latifol. *Cluſ.* 139. f. R. 239. 7.
195 *Hieracium* muror. anguſt. laciniatum minus CB.
196 *Hieracium* capillaceo *folio* B. pr. 66. 21.
197 *Holoſteum* Monſpelienſe *Ad.* 18. f. R. 880. 6. c. 7.
198 *Hyacinthus* comoſus minor *Ad.* Fl. F. & Mart.
199 *Hypecoum* CB. Fl. *Apr.* &c. R. 1328. 1.
200 *Hypericum* ſupinum tomentoſum minus vel *Monſpel.* CB.
201 *Jacea* ſquammis pennatis f. cap. villoſo I.B.
202 *Jacea* mont. incana capite *Pini* CB. Fl. Jun. R. 329. 29.
203 *Jacea* mont. *Narbonenſis* Lob. Obſ. 293. R. 329. 30.
204 *Jacea* incana *Lugd.* 1194. f. Fl. Jun. *Ad.* 235. f.
205 *Jacea* latif. ſpinoſis capit. pulchris, *fl.* purp. I.B.
206 *Jacea* capitulis ſpinoſis *Ad.* 234.
207 Jacea *lutea* capite ſpinoſo CB. Fl. *Jun.* &c. *Ad.* 234. f.
208 Jacea *Melitenſis* capitulis conglobatis *Bocc.*
209 *Jacobea* 3. latifolia 1 *Cluſ.* 24. f. Fl. *Jun. Jul.* &c.
210 Jacobea *Senecionis* folio H. Bleſ. *Fl.* Maio.
211 *Iberis* latiore folio CB.
212 *Iberis* Naſturtii folio CB. *Fl.* Jun. R. 827. 1.
213 *Ilex* folio *Agrifolii* BM. 140.
214 *Ilex* media *Coccifera Ilici* planè ſuppar, fol. *Aquifolii* Ad.
215 *Iris* maritima *Narbonenſis* Ad. 32. f. maj. & minor.
216 *Iris* perpuſilla ſaxat. acaulis ferme *Ad.* 32. f. R. 1187. 3.
217 *Iris* minor lutea *Dod.* 244. Fl. *primo Vere.* R. 1188. 6.
218 *Juncus* acumine reflexo majore CB. R. 1304. 11.
219 *Juniperus* major bacca rufeſcente CB. R. 1413. 2.
220 *Kali* minus villoſum CB. R. 199. 15.
221 *Kali* minus *fol.* lucidis BM. 146.
222 *Lathyrus* luteus latifolius BM. 150. Fl. *Apr.* &c.
223 *Lathyrus* anguſtifolius humilior BM. 150. (150.
224 *Lathyrus* humilis fol. *Gramineis* venoſis, *fl.* pheniceo BM.
225 *Lathyrus* anguſtiſſimo f. capillaceo fol. B. *pr.* fl. *Apr.*
226 *Lathyrus* maj. *Narbon.* anguſtifolius I.B. *Chabr.* 145. f. 3.
227 *Leucoium* marit. anguſtifol. CB. Fl. *Vere* & *æſtate* Ad. 141. f.
228 Libanotis *Cachryophoros* quibuſdam *fl.* luteo I.B. Fl. *Aug.*
229 *Libanotidi* congener BM. 154. *Lugd.*
230 *Limonium* ſupin. *reticulatum* Bocc. *Fl.* Sept. R. 396. 9.
231 *Limonium* parvum *Bellid.* min. folio CB. R. 395. 4.
232 *Limon.* marit. minus, fol. cordatis B. pr. 99. 1.
233 *Limonium* minus bullatis fol. BM. 156. f. Fl. *Jun.*
234 *Linaria* arvens. *cærulea* erecta B. *pr.* 107. 5. Fl. *Apr.* &c.
235 *Linaria* &c. fol. imis rotund. BM. 158. f. Fl. Maio.
236 Linaria *lutea*, parva annua I.B. Fl. *Maio.* R. 755. 12.
237 *Linaria* foliolo capitulo CB. Fl. *Sept.* R. 292. c. 16.
238 *Linum* maritimum CB. luteum Fl. *Aug.* R. 1074. 17.
239 Linum *marit.* majus I.B.
240 Linum ſylv. minus, luteo flore CB. Fl. *Jul.*
241 Linum *luteum* palmare BM. 160. Fl. *Jul.*
242 *Linum* anguſtifolium *Lob.* Obſ.
243 *Linum* ſylv. fl. *albis* Lob. *Obſ.* Fl. *Jun.* &c. R. 1073. 11.
244 *Linum* ſylv. *cærul.* fol. acuto B. pr. 107. 2. Fl. *Jun.*
245 *Linum* minimum *ſtellatum* B. pr. 107. 2. BM. Fl. *Vere.*
246 *Linum* ſylv. *luteum* fol. ſubrotundis CB. Fl. *Jun.*
247 Lithoſpermum *Linariæ* fol. *Monſpel.* CB. Fl. *tota æſt.* Lob. Ic. 411. 2.
248 *Lotus* corniculata *marit.* hirſuta BM. 164. Fl. *æſt.*
249 *Lotus* 5 phyllos minor hirſut. *fol.* anguſtiſſ. CB. Fl. *Aug.*
250 *Lotus* pentaphyllos maj. hirſutis candicans CB. Fl. *Maio.*
251 *Lotus* marit. lutea ſiliquoſa, *fol.* pingui glabro BM. 165.
252 *Lychnis* ſylv. anguſt. *calic.* turgidis ſtriatis CB. *Chabr.* 446. f. 1.
253 *Lychnis* ſylv. *lanuginoſa* minor CB. *Fl.* Maio. R. 995. 11.
254 *Lychnis* ſylv. minima *fl.* muſcoſo BM. 171. Fl. *Jul.* &c.
255 *Lychnis* minima rigida *Cherleri* I.B. Fl. *Vere.* Chabr. 445. f. 1. (&c.
256 Lychnis *Alpina* vel *Ocymoides* repens mont. CB. Fl. *Maio.*
257 Lycium *Gallicum* I.B. Fl. *Maio.* R. 1626. 1.
258 Marrubium *nigrum* longifol. CB. Fl. *Ap.* M. & *Jun.*
259 Marrubium *album* villoſum B. pr. 110. 2. R. 557. 6.
260 *Marrubium* paluſt. hirſutum CB. R. 535. 2.
261 *Melilotô* vulg. affinis, *fol.* min. & rotundiore I. B.
262 *Millefolium* odorat. minus *Monſpel.* H. Bleſ.
263 *Morus* fructu *albo* parvo BM. 178.
264 *Morus* fr. *nigro* parvo BM. 178.
265 *Muſcus* terr. *Coralloides* erectus, *cornibus* rufeſcentibus CB.
266 Muſcus *Capillaceus* longiſſimus CB.
267 Muſcus fugax membranaceus pinguis BM. 180.
268 *Narciſſus* anguſtif. *albus* minor B. *pr.* Fl. *Apr.* (BM. 182.
269 *Narciſſus* juncifol. palmaris, *parvo* fl. luteo, odore *Melis*
270 *Naſturtium* prat. *parvo* flore CB. Fl. *Jun.*
271 *Nymphæa* alba minor CB. Fl. *Jun.* &c.
272 Oenanthe *Paſtinacæ ſylv.* fol. ſem. *Atriplicis* CB. Lugd.
273 O. f. Filipendula *Monſpel.* Apii fol. I.B. Fl. *Jun.*
274 O. f. *Filipendula* aq. cap. majore hiſpidiore CB. 163.
275 *Olea* ſylveſtris CB. R. 1544. 2. (*Amellus.*
276 *Oliva* maj. oblonga anguloſa *Amygdali* forma BM. 187.
277 *Oliva* media oblonga anguloſa BM. 187. *Oulivière.*
278 *Oliva* media oblonga fr. *Corni* figura *id.* Corniau.
279 *Oliva* minor oblonga *id.* Pichouline.
280 *Oliva* major ſubrotunda *id.* Ampoulau.
281 *Oliva* media rotunda viridior BM. 190. *Verdale.*
282 *Oliva* media rotunda præcox *id.* Mourau.
283 *Oliva* minor rotunda racemoſa *id*, Bouteillau.
284 *Oliva* minor rotunda rubro-nigricans *id.* Salierne.
285 *Oliva* minor rotunda, ex rubro & nigro variegata *id.* Pi-
286 *Onobrychis* fructu echinato minor CB. Fl. *Jun.* (gau.
287 *Onobrychis* clypeata aſpera minor B. pr. 149. 1. Fl. *Jun.*
288 *Polygala* minus ſaxatile *Chabr.* 153. f. 3.
289 *Ophioglosſum* minus ſubrotundo folio B. *pr.* 150. 2.
290 Cynogorchis latifol. ſpicâ compactâ CB. Fl. *Maio.* R. 1214. 9.
291 *Orchis* odore *Hirci* minor CB. Fl. *Maio.* R. 1213. 2.
292 Orchis *Muſcam* referens major & minor CB. Fl. *Maio.*
293 Orchis *Muſcam* referens lutea CB. Fl. *Maio.* (*Maio.*
294 Orchis *Palmata* anguſt. minor, fl. odoratiſſimo B. *pr.* Fl.
295 Origanum *Monſp.* pulchrum *Cam.* 468. f.
296 *Ornithogalum* majus *Monſpel.* Cluſ. 187. R. 1151. 2.
297 *Ornithopodio* affinis hirſuta, *Scorpioides* leguminoſa *Al.* Fl. *Maio.*
298 *Ornithopodio* affinis hirſuta, *ſtella* leguminoſa CB. Fl. *Maio.*
299 *Eadem* flor. & ſiliq. *cauliculis* adhærens BM. 195. *Chabr.* 156. f. 5. (270. 1.
300 *Orobanche* magna purp. *Monſpel.* I.B. Fl. *April.* &c. Cluſ.
301 *Orobanche* ſubcæruleo flore f. 2. *Cluſ.* 271. Fl. *Maio.*
302 *Orobanche* minor *purpureis* flor. f. ramoſa I.B. Fl. *Apr.*
303 *Panax* Coſtinum CB. R. 410. c. 3.
304 Panax *Heracleum* fronde *Paſtinacæ* Ad. 312. R. 409. 5.
305 *Panicum* Dod. 507. f. 1. paniculâ minore CB. R. 1247. 1.
306 Papaver *Cornic.* phœniceum hirſutum CB. R. 857. 13.
307 Papaver *Cornic.* Violaceum CB. *Lob.* Ic. R. 857. 14.
308 *Paſtinaca* tenuif. marin. fol &c. lucidis BM. 199.
309 *Peplus* minor I.B. 3. l. 34. *f.* 670. R. 869. 28.
310 *Phyllyrea* latif. ſpinoſa CB. Fl. *Vere.* Clul. 51. f.
311 *Phillica* elatior CB. *Cluſ.* 50. f. Ad. 421. f. R. 1608. 1.
312 *Philica* humilis & quaſi repens BM. 203.
313 *Piloſella* maj. erecta CB. R. 241. 16. (BM. 205.
314 Pimpinella *Sanguiſorba* minor, *ſem.* majore & craſſiore
315 *Pinus* ſylv. altera *maritima* Lob. Obſ. R. 1400. 7.
316 *Pinaſter* humilis *Lob.* Obſ. R. 1400. 6.

317 *Plantago*

317 *Plantago* max. tota glabra B. pr. 97.1. R.877. 3.
318 *Plantago* capitulis *Lagopi* longioribus BM. 206.
319 Polium *Lavandulæ* folio CB. Fl. *Jun.* &c. R. 525. 6.
320 *Polium* marit. erect. *Monſp.* CB. R. 524.1.
321 *Polium* mont. album CB. R. 524. 2.
322 *Polygala* acutioribus fol. *Monſpel.* CB. Fl. *Maio.*
323 *Polygala* erecta anguſtifolia &c. BM. 208. *Fl.* M. & Jun.
324 Polygonum *baccif.* marit. minus CB. (*Chabr.* 457. f. 6.
325 Polygonum *Herniariæ* facie Lugd. 1124. f. 3.
326 *Polygonum* alter. puſillo vermic. *Serpilli* fol. *Ad.* 80. f.
327 *Polygonum* anguſtiſſimo *Gramineo* fol. erectum BM. 211. Fl. *Jul.* &c. (XI.
328 *Polygonum* muſcoſum minimum *Bocc.* Fl. *Maio.* R. 216.
329 Polytrichum ſ. *Tricomanes* minus & tenerius CB.
330 *Pomum* ſylv. Vinearum CB. R. 1226. c. 6.
331 *Potamogiton* anguſtifol. racemoſum B. *pr.* 101. 1.
332 *Potamogiton* minimum capillaceo fol. B. *pr.* 101. 3.
333 *Potamogiton* capillac. capitulis ad alas triſidis B. *pr.* 101. 4.
334 *Quinquefolium* minus repens luteum CB. 325.
335 *Ranunculus* magnus valde hirſutus I.B. R. 582. 5.
336 *Ranunculus* arvenſ. parvus, fol. trifido CB. *Jul.* &c.
337 *Ranunculus* paluſt. echinatus B. *pr.* 95. 3.
338 *Ranunculus* villoſiſſimus *Monſpel.* B. pr. 69. 11.
339 *Ranunculus* ſaxat. magno flore B. *pr.* 69. 8.
340 *Ranunculus* ſaxat. fol. ſubrotundis B. *pr.* 69. 9.
341 *Ranunculus* Cherophyllos *Aſphod.* radice CB. Fl. *Maio.*
342 Ranunculus *Coronopifolius*, cap. *Alopecuri* BM. 218. Fl. *Vere.*
343 *Ranunculus* nemoroſ. *Anemones* flore minor B. *pr.*
344 *Rapa* ſylveſtris CB. Fl. *Sept.* R. 800. 3.
345 *Rapunculus* ſpicat. ſ. comolus cæruleus I.B. Fl. *Jun.*
346 *Rapunculus* minor, fol. inciſis CB. Fl. *Apr.* &c.
347 *Reſeda* fol. *Calcitrapæ*, fl. albo H. Bleſ. Fl. *Maio*
348 *Phyteuma* alter *Monſp.* fol. minus laciniato *Lob.* illuſt.
349 *Rhamnus* cort. albo *Monſpel.* I.B. R. 1592. 1.
350 *Roſa* rubra *Mileſia* Plin. CB.
351 Roſa *Pomifera* major CB. R. 1472. 17.
352 *Roſa* ſpinoſiſſima pumila fl. rubio I.B.
353 *Rubia* ſylv. aſpera CB. R. 480. 2.
354 *Rubia* mont. anguſtifolia B. *pr.* 145. 1. R. 480. 3.
355 Rubia *ſpicata* repens BM. 225. Fl. *Aug.*
356 *Rubia* marit. *Narbonenſium* Ad. R. 485. 1.
357 *Rubia* quadrifolia verticillato ſemine I.B. Fl. *Apr.* &c.
358 *Rubeola* marit. aſpera B. *pr.* 145. 7. R. 481. 5.
359 *Ruta* ſylv. major & minor CB. R. 474. 3. 4.
360 *Salix* latifolia interne hirſuta I. B. R. 1422. 1.
361 *Salix* humilis capitulo ſquamoſo *CB. Julio* &c.
362 *Scabioſa* cap. *globoſo*, fol. tenuiſſ. lacin. diviſis *CB.*
363 *Scabioſa* marit. parva I.B. Chabr. 336. f. 5. R. 378. 13.
364 *Scabioſa* glabra fol. rigidis viridibus IB. R. 377. 10.
365 *Scabioſa* integrifolia, ſ. fol. *Bellidis BM.* 231. Fl. *Maio.*
366 Scaminonia *Monſp.* fol. rotundioribus *CB.* Fl. *Aug.*
367 Scandix *Cretica* minor *CB.* Fl. *Vere.* R. 428. 2.
368 Sedum *Alpin.* fl. pallido *CB.* Fl. *Jul.* 6. Cluſ. R. 1042. 19.
369 *Sedum* minim. lut. non acre *I.B* R. 1041. 19.
370 *Sedum* minim. *ſtellatum* rubrum *BM.* 237. f. Fl. *Maio.*
371 *Sedum* tridactylites *Alpin.* minus B. *pr.* 131. 2. Fl. *Jul.*
372 *Serpyllum* longifol. hiſpidum *I.B.* Fl. *Jun.*
373 Seſeli *Maſſilienſe* fol. *Fæniculi* craſſiore *Ad.* 352. f. Fl. *Aug.*
374 Sideritis *Monſpel.* Scordioides *Ad.* 225. f.
375 *Sideritis* verticillis ſpinoſis *I.B.* Chabr. 473. f. 3. R. 565. 11.
376 *Sinapi* parvum ſiliquâ aſperâ *B.* pr. 41.
377 *Sonchus* aſper ſubrotundo folio *B. pr.* 60. 2. maj. & minor.
378 *Sonchus* anguſtifol. *maritimus B.* pr. Fl. *Aug.* R. 226. 9.
379 Stœchas *Arabica*, cum ligulis albis BM. 246. Fl. *Maio.*
380 *Stœchas* odorata purpurea D. *Peliter.* Lob. *illuſt.*
381 *Symphitum* maj. tuberoſa radice CB. R. 505. 2.
382 *Terebinthus* maj. *Piſtachiæ* fol. *Ad.* 412. R. 1579. 2.
383 *Thalictrum* prat. max. *Monſp.* alperior. foliis H. *Bleſ.* Fl.
384 Seſeli *Peloponenſe* Cicutæ fol. *Ad.* 237. f. R. 418. (*Jun.* &c.
385 *Id.* minor *BM.* 250. Circa *Mont. Lupi.*
386 Thlaſpi *Vaccariæ* incano fol. minus *B. pr* .47. 2. Fl. *Maio.*
387 *Thlaſpi* villoſum capſulis hirſutis *B. pr.* 47. 3. f.
388 *Thlaſpi* mont. minim. *Monſp.* fol. laciniato *I.B*
389 Tlaſpi *Alp.* minus, cap. rotundo *CB.* Fl. *Maio* &c.
390 *Thlaſpi* parvum ſaxat. *fl.* rubente *CB.* R. 833. 14.
391 *Thymum* Supin. candicans odoratum *BM.* 254.
392 Tithymalus *Characias* prat. incanus *BM.* 255. Fl. *Jun.*
393 *Tithymalus* Verrucoſus *I.B.* R. 871. 42.
394 *Tithymalus* fol. *Pini CB.* R. 867.
395 Tithymalus ann. *Lini* fol. acuto *BM.* 256. R. 868. 21.
396 *Tithymalus* exiguus ſaxatilis *BM.* 258. f. B. pr. 133. 3.
397 *Tragopogon* fol. laciniato *Monſp.* fl. luteo *I,B.*
398 *Scorzonera* latif. ſinuata *CB.* R. 248. 1.
399 *Scorzonera* fol. nervoſis *CB.* Fl. *Jun.* R. 250. 10.
400 *Trifolium* mont. album *CB.* Fl. *Maio* &c. Chabr. 163. f. 5.
401 — parvum alb. *Monſp.* piloſum, paucis flor. *I.B.* Fl. *Apr.*
402 Trifolium *Fragiferum* tomentoſum *BM.* 265. f. Fl. *Maio* &c.
403 Trifolium *globoſum* repens *CB. Chabr.* 162. f. 2. R. 945. 13.
404 *Trifolium* capit. glomerato rigido *I.B. Chabr.* 162. f. 4.
405 *Trifolium* cap. *ſpumoſo* aſpero min. *B. pr.* 140. 6. R. 947. 22.
406 Trifolium *argentatum* fl. luteis *IB. Chabr.* 159. f. 6.
407 *Medica* magna turbinata *I.B. Chabr.* 162. f. 2.
408 *Medica* fr. compreſſo minore *BM.* 268.
409 *Medica* hirſuta, echinis rigidioribus *I.B. Chabr.*
410 Trifolium *Cochleatum* polycarpon *CB.* R. 964. 21.
411 *Trifolium* fructu *cochleato*, ciliare *BM.* 269.
412 *Trifolium* folliculis *Coronæ* ſimilibus *CB. Chabr.* 167. f. 1.
413 *Valerianella* ſem. umbilicato rot. nudo *Morſ.*
414 *Valerianella* ſem. umbilicato nudo oblongo *Mariſ.*
415 *Verbaſcum* fol. ſubrotundo, fl. *Blattariæ CB.* (147 4.
416 *Vicia* multifolia cum latis ſiliquis *I.B.* Fl. *Apr.* &c. *Chabr.*
417 *Viciæ* ſimilis, ſupra infraque terram *fructum* edens *CB.*
418 *Vitis* ſylv. *Labruſca CB.* (Fl. *Apr.*
419 *Ulmus* fol. minùs rugoſo & ſcabro ferè lucido *I.B.*

In *Appendice* Botanic. *Monſpelienſi.*

420 *Alga* tinctoria *I.B.* R. 73. c. 6. pl. 2.
421 *Allium* petræum umbelliferum *I.B.*
422 *Alſine* litteralis *Graminea BM.* 290. Fl. *Maio.*
423 *Aparine* minima *BM.* 291. Fl. *æſtate.*
424 *Bellis* mont. *Gramineis* foliis *BM.* 291. Fl. *Maio.*
425 Carduus *ſtellatus*, fol. integris ſerratis *BM.* 292.
426 *Carlina* caulifera & acaulos *I.B.* R. 288. 1.
427 Caucalis *Dauci ſylv.* fol. echinato magno *fructu BM.* 293.
428 *Chamæciſtus* repens *Serpilli* folio luteus *CB.* Fl. *Maio.*
429 *Chamæciſtus Nummulariæ* folio *BM.* 294.
430 *Corallina* fiſtuloſa fragilis lævis *I.B. Chabr.* 578. f. 1.
431 *Daucus* mont. fol. *Fæniculi* longiore *BM.* 294. Fl. *Jul.*
432 *Idem* multo minor *BM.* 295. an. *Lugd.*
433 Dens *Leonis* fol. radiatis *BM.* 295.
434 *Doronicum* integro & craſſo *Hieracii* folio *BM.* 295. Fl. *Jun.*
435 *Fuci* Fungiformes *I.B. Ray* 78. 12.
436 Gramen *paniculatum* minimum molle *BM.* 297. Fl. *Apr.* &c.
437 *Gramen* paniculâ ſparſâ luteâ *Loliaceâ BM.* 297. Fl. *Maio.*
438 *Hieracium* mont. laciniat. lanuginoſo folio *CB.*
439 *Lactuca* ſylv. anguſto laciniato folio *BM.* 298. Fl. *Jul.* &c.
440 *Lapathum* prat. capite comoſiore *BM.* 300. Fl. *Maio* &c.
441 Laſerpitium *Gallicum CB.* Fl. *Jul.* R. 426. 2.
442 *Idem* multò minus *BM.* 300.
443 *Lenticula* paluſtris bifolia, *fructu* tetragono *CB.*
444 *Limonium* fruticoſum *BM.* 301. (301.
445 *Lupinus* ſylv. purp. fl. *ſem.* rot. vario *majore* & *minore BM.*
446 *Orchis* flore nudi *Hominis* effigiem repreſentans mas CB.
447 *Orobus* ſylv. anguſtifol. *Aſphodeli* radice *CB.* (Fl. *Apr.*
448 *Porus* Anguinus *I.B.* Chabr. 575. f. 2. R. 64. 9. (304. Fl. *Jun.*
449 *Potamogiton* minus, fol. denſis mucronatis non ſerratis *BM.*
450 *Spongiæ* ramoſæ varietas *Bocc.*
451 Tithymalus *Lithoſpermi* majoris folio *BM.* 305.
452 *Tithymalus* mont. non acris *CB.* R. 870. 34.
453 *Scorzonera* latifol. altera *CB. fol.* anguſtioribus *BM.* 306
454 *Tragopogon* humilis craſſiore folio BM. 306. *Fl.* Maio.
455 Tragopogon *Aſinum* humile hirſutum *Col. Fl. Jun.* R.
456 Valeriana *Alpina* minor B. pr. *Fl.* pr. Vere. (307.
457 *Vicia* peren. *multiflora*, maj. fl. cærul. ex albo mixto BM.
458 *Aſter* luteus maj. fol. *Succiſæ* CB. Ray 267. 8.
459 *Centaurium* luteum non perfoliatum CB. *Fl.* æſtate.
460 *Polygonum* minus glabrum BM. ap. alt.

Plantæ *Locis Propriis* creſcentes, *viz.* Circa

Bdionet. 13, 28, 38, 117, 36, 97, 236, 45, 55, 309, 25, 7, 44, 57, 69, 68. *Caponiadou* 45, 51, 5, 69, 72, 4, 99, 113, 94, 201, 40, 6, 69, 335, 45, 69, 89, 90, 429, 31. *Caſtelnau* 2, 94, 6, 103, 16, 27, 31, 86, 92, 203, 10, 47, 52, 95, 314, 34, 8, 55, 9, 64, 74, 404. *Ceti* monte. 9, 10, 32, 76, 89, 90, 1, 6, 208, 15, 34, 68, 318, 80, 4, 406, 44. *Columbiere* 14, 6, 7, 26, 54, 82, 5, 7, 95, 8, 105, 11, 42, 65, 7, 95, 6, 406, 12, 23. *Frontignan* 15, 29, 185, 237, 60, 329. *Garrigues* 31, 5, 47, 100, 26, 38, 92, 217, 24, 47, 86, 312, 23, 59, 75, 9, 91, 417, 37. *Grabels* 75. *Gramont* 4, 18, 20, 5, 33, 41, 53, 9, 77, 88, 93, 101, 15, 20, 3, 4, 7, 32, 40, 7, 53, 65, 80, 91, 210, 35, 45, 9, 53, 4, 65, 70, 91, 2, 3, 7, 300, 13, 22, 6, 8, 36, 41, 52, 4, 62 70, 402, 16, 27, 36. *Later.* 22, 112, 56, 90, 271, 4, 80, 307, 76, 81, 3, 92, 449, 54, 8. *Lede* 22, 159, 209, 332, 7, 60, 1, 5. *Lupi* monte 42, 2, 6, 56, 62, 5, 6, 8, 71, 83, 95, 107, 10, 21, 2, 3, 38, 9, 41, 3, 58, 75, 81, 95, 202, 46, 56, 68, 87, 315, 6, 9, 71, 2, 85. *Meyriols* 36, 139. *Monteils* 205, 350. *Montpelier* 19, 23, 5, 43, 4, 9, 58, 60, 1, 3, 70, 3, 83, 4, 92, 7, 117, 8, 9, 28, 32, 48, 9, 54, 62, 3, 4, 9, 70, 2, & 9, 82, 3, 7, 8, 9, 96, 8, 200, 4, 6, 7, 11, 6, 8, 9, 23, 5, 6, 9, 43, 4, 57, 8, 72, 3, 88. 96, 301, 2, 4, 5, 11, 30, 1, 3, 9, 40, 3, 6, 8, 9, 53, 73, 4, 7, 94, 7, 401, 3, 5, 13, 4. *Perauls* 30, 56, 78, 106, 57, 8, 212, 41, 306, 17, 439, 69. *Piquet* 250, 421, 32. *Salenove* 26, 37, 50, 9, 68, 87, 94, 100, 8, 14, 26, 42, 50, 69, 93, 222, 36, 86, 94, 8, 9, 314, 8, 21, 34, 51, 64, 95, 6, 427, 51. *Serane* monte 421, 4, 6, 34, 8, 42, 7, 52, 3, 5, 6, 7, Valene 3, 68, 9, 121, 71, 256, 66, 9, 99, 310, 82, 6, 72, 93, 400. La *Valette* 12, 54, 82, 329. *Villeneuf* 228, 62, 303, 25, 99. *Submarinæ* 7 & 10, 27, 109, 418, 9. Oris *maritimis* 1, 5, 32, 4, 56, 76, 8, 80, 5, 33, 4, 5, 420, 30, 5, 43, 50. 102, 4, 7, 43, 5, 6, 51, 2, 61, 6, 7, 8, 89, 215, 20, 1, 7, 30, 1, 2, 3, 7, 8, 9, 48, 51, 308, 20, 4, 56, 8, 63, 6, 70, 409, 22. *Abbreviat.* Explicatio. BM. *Botan.* Monpel. R. *Ray* Hiſt. Plantar.

LONDINI, Ex Ædibus *Jacobi Petiver*, Pluteis vulgò dictâ *Aldersgate-ſtreet.* MDCCXVI.

Plantæ SILESIACÆ Rariores ac Desideratæ,

E *Casparo* Schwenckfeltio excerptæ, & Methodo *Rayana* digestæ.

A Jacobo Petiverio, *Societatis* Regalis *Socio*, Londini.

1 ACetosa *Alpina* pag. 8. Ad Rivulos altiss. montium.
2 *Acetosa* minima 8. *Agris* incultis & *collibus* squalidis.
3 *Amplex* palustr. *polycaulis* 27. Fossis, *Julio*, &c.
4 Bistorta *Alpina* maxima 31. Jugis altiss. *Suditorum*.
5 *Lapathum* palustre *minus* 118. Fossis humid. *frequens*.
6 *Polygonum* fol. rubentibus 163. *Viis & Agris*.
7 Chondrilla *Viminea* 50. Fl. *Jun.* & *Jul.*
8 Hieracium 2. 6. 8. 9 & 10. *Schwenckfeld.* 106.
9 Hieracium 11. 12. 13. 14 & 15. *Schw.* 107.
10 *Lactuca* sylv. *purpurea* 114. Mont. *Suditorum*.
11 Pilosella *Alpina* 157. Montibus altis & herbidis.
12 Sonchus *lævis* latif. & angustifolius 199.
13 Sonchus *Alpina* cærulea.200. Fette Henne. *Silef. Fl.* Jul. &c.
14 *Apis* luteus *montanus* 25. Dumet. & collibus saxosis.
15 Frygeron *Alpinum* 67. Mont. altiss. & humidis. *Jul.* &c.
16 Gnaphalium *tenuifolium* 87. Agris & *Hortis* Oleraceis.
17 Tussilago *Alpina* minor 212. *Mont.* umbrof. & humidis. *Jun.*
18 Virga aurea 1 & 2. *Schw.* 219. Wundkraut *Germ.*
19 *Bellis* mont. *maxima* 29.
20 *Chamæmelum* fatuum 47. *Ruddille.* Agris quiet. & cultis.
21 Absinthium *mont.* f. *vulg.* minus 6. Ruderibus & montosis.
22 Carduus *palustr.* fruticans 38. Mont. & Sylvis udis. Aug. &c.
23 Carduus *palustr.* minor 38. Humidis ad rivos. *Aug.* & *Sept.*
24 *Carduus* pratensis 39. Mont. pratis humidis. *Jul.* &c.
25 *Cartina* major *Schw.* 39. Eberwurtz. *Fl.* Jul. & Aug.
26 *Cassium* montanum 1. 52. Schardistel *Sil.* Fl. *Jul.*
27 *Jacea* collina minor, *leptophyllos* 111. Agger. Viarum. *Jul.*
28 Jacea *mont.* villoso *capite* 111. Pratis *Mont.* Riphæorum.
29 *Scabiosa* minima *aspera* 192. Mont. fabulos. & asperis.
30 *Scabiosa* fl. luteo *odorato* 192. Agger. Itiner. *Jul.* &c.
31 Angelica *Alpina* 2. *Schw.* 18. Lufftwurtzel *Sil.*
32 Angelica *Alpina* 3. 19. Geistwurtzel *Sil.* Mont.
33 *Apium* montanum 20. *Mont.* & arenos. pratis. *Jul.* &c.
34 *Cicutaria* montana 52. *Montosis* humidis.
35 *Daucus* mont. *Boiemicus* 60 ad *Poidebradum*, Julio.
36 Libanotis *Theophrasti* alba & nigra. *Schw.* 122.
37 *Meum* Silesiacum *Alpinum* & palustre 136.
38 *Millefolium* palustre 1. 138. *Wasser Fenchel.*
39 *Millefolium* palustre 2. 138. *Wassel Veil* Jun.
40 *Myrrhis* montana 142. *Bergkorffel.* Flor. *Maio.*
41 *Sesel.* Peloponense 196. *Hirschwurtz.* Vallibus herbid. *Julio.*
42 Sium *aquat.* odoratum & *aquat.* 2. Schw. 197.
43 *Thalictri* omnes *species* Schw. 204.
44 *Trifolium* 1. 2. & 3. Schw. 139. *Megerkraut* Germ.
45 *Rubia* sylv. *major* 184. f. mont. *Silesiaca. Rote* Germ.
46 *Corinthe* minor 46. *Viis*, Agris & Collibus. *Fl. Æstate.*
47 *Cannabis* sylv. *spuria* 1. 2. & 3. Schw. 37. *Taubnesseln.* Germ.
48 Hedera *terrest.* minor 101. *Klein* Gunderman.
49 *Hedera* terrest. *montana* 101. *Opacis* Mont. *Sylvis.*
50 *Lamium* pictum 116. *Milzatella* i. e. Lienaris.
51 Serpillum *Boiemicum*, odore unctuoso suavissimo 195.
52 *Sideritis* 1 196. *Zeissgenkraut* Sil. *Fl.* Jun. & Jul.
53 *Sideritis* 2. 196. Brauner *Andorn.* Agris.
54 Filipendula *montana* 71. Monte *Gigantео.* Julio.
55 *Aconitum* luteum *majus.* Goel *Wolffswurtz.* 8. *Fl.* Jun. & Jul.
56 *Aconitum* cæruleum 9. Pratis agro *Hirsberg.* ad *Bober.*
57 *Napellus* minor 143. Saltubus Mont. ad Fluv. *Bober.*
58 *Napellus* major 143. Fuchswurtz *Germ.* Aug.
59 Caryophyllata *Alpina* minor 42. *Vallibus* umbrof. *Suditor.*
60 *Malva* sylv. f. *Alcea* Querna 132. *Falris* Germ.
61 Plantago *aq.* minor f. *angustif.* humilis 161. *Udis.*
62 *Pulsatilla* nivea *Alpina* 171. Celsis *Suditor.* jugis. *Jun.*
63 Quinquefolium *Vernum* majus 174. Inculis &c. *Mart.*
64 Quinquefolium *Vernum* minus 174. *Collib. & Viis.* Aprili.
65 *Quinquefolium* maj. *albo* flore 174. Agro *Viatislav.* Maio.
66 Quinquefolium *Fragiferum* erectum 175. *Floret* Maio.
67 *Ranunculus* Alpinus *candidus* 179. Ad Rivos & sequente.
68 *Ranunculus* Alp. *luteus* maximus 179. *Mont.* alt. udis, *Jul.*
69 Ranunculus *dulcis* pratensis & major Schw. 176. *Pratis* freq.
70 Ranunculus *Mont.* hirsutus *Narcissi-florus.* 180. Junio.
71 *Sed.* omnes *species* Schw. 194. & 5.
72 Tormentilla *Alpina* maxima 208. ad lacus *Sudit.* & M. Riphæo.
73 *Polygonatum* angustifolium 162. *Mont.* sylvosis.
74 Polygonatum *latifol.* ramosum 162. *Humid. & Umbros.* Sudit.
75 *Anagallis* aq. 2. 18. Palustribus & Rivulis.
76 Anagallis aq. 3. f. minor 18. *Priore.*
77 *Bursa Pastoris* minor, *fol.* perfoliato 24. *Mont.* aprie. & arid.
78 *Bursa Pastoris* Myagrifolia 35. *Nagelkraut.* Agris aridis
79 *Dentaria* Pentaphyllos 61. *Flor.* Aprili, Umbrof. *Sudet.*
80 *Dentaria* Heptaphyllos 61. *Dod.* 162. f. 2.
81 *Dentaria* Enneaphyllos 61.
82 *Dentaria* baccifera 61. Opacis Mont. *Maio.*
83 Eruca *palustris* major & minor *Schw.* 65.
84 Lysimachia *filiq.* palustr. & *Roseo* flore *Schw.* 129.
85 *Nasturtium* montanum 145. *Pratis* copiosè. *Maio.*
86 Thlaspi *album* supinum 205. *Viis* circa *Vratislav. Æstate.*
87 Tithymalus *Cyparissias* capit. rubente 207. Mont. aridis.
88 *Tithymalus* stictophyllos & platyphyllos *Schw.* 207.
89 *Tithymalus* frutic. *palustris* 208. Ad Sabulos. crepid. *Fluvior.*
90 Rapunculus *Nerifolius* 181. Vallib. sub. M. *Gigantео.* Ju.
91 *Rapunc.* sylv. cær. *umbellatus* 181. Mont. ad *Quissam.* Aug.
92 Trachelium *Alpinum* maximum 209. *Flor.* Julio.
93 *Gentianæ* omnes *species* Schw. 83.
94 *Alsine* petræa *omnium* minima 16. *Petrosis* Jun. &c.
95 *Alsine* fontana 16. *Rivulis* limpidis pigrè labentibus.
96 *Alsine* palustris 16. *Aquis* residibus & palustribus.
97 *Caryophyllus* sylv. 1. 2. 4. 5 & 6. *Schw.* 42. & 3.
98 *Cistus* humilis 2. Panax *Chironium* minus 53. *Apricis.*
99 Primula Veris *inodora* Alpina 168. *Mont.* altiss. *Maio.*
100 *Sanicula* Alp. f. *Auric. Visi* minima *fl.* purp. 192. *Maio.*
101 *Pyrola* frutescens 172. Mont. & Sylvis *Gorlicens.*
102 *Lagopus* montanus *minor* 115. Ad Agros & Vias.
103 *Pisum* sylv. *perenne* 156. Mont. asperis inter Saxa. *Julio.*
104 Pisum *sylv.* 2. f. minus alterum 159.
105 *Polygala* repens Nuperorum 161.
106 *Trifolium* sylvat. *alb.* maximum 210. *Ericetis.* Julio.
107 *Vicia* sylv. 3. seu *lutea* 218. Campis fruticosis. *Jul.* &c.
108 Allium *Alpin.* mas & fœm. 14. *Suditor.* humid. *Jun.*
109 *Bifolium* minus 31. *Mont.* & Vallibus opac. & udis.
110 *Bifolium* 3. seu *Ophris* trifolia 31. *Dieblat.* Germ.
111 *Damasonii* omnes *species* Schw. 59.
112 *Orchides* omnes *species* Schw. 147. &c.
113 *Pomum* agreste 166. *Agror.* Marginibus.
114 *Pomum* agreste *proliferum* 166. *Agris* incultis.
115 *Por.* Alpin. *Sectivum* maj. 166. Vallib. *Opac.* & *Montosis.*
116 *Satyrium* abort. f. *Dentaria* aphyllos rar. 199. Jul. &c.
117 Valeriana f. *Phu* montana 215. *Mont.* humid. & herbid.
118 *Adiantum* alb. *crispum* Alpinum 10. *Mont.* altiss. & petrosis.
119 *Filix* fontana 73. *Muris* puteorum & fontium.
120 *Filix* mas *Alpina* maxima 72. *Mont.* humid. & saxos.
121 *Filix* muraria *seu* minor 72. *Saxis* præruptis.
122 *Filix* spinosa *seu* aculeata 72. *Mont.* opacis altiss.
123 *Lonchitis* aspera *major* 125. Asperis altiss. Sudet.
124 Lunaria *Botrytis* minor polyphyllos 125. Inter Vrat. et
125 *Musci* omnes *species* Schw. 739.
126 *Graminum* omnes *species* 88, &c.
127 *Juncus* sylvaticus 112. *Sylvis* udis.
128 Juncus *acutus* minimus 112. *Pratis* uliginosis.
129 Juncus *minimus* lanceatus *seu* spicatus 11.
130 Acer *bruscum*, inortius *crispum* 7. Urbeine Pfaffenhütl.
131 Fraxinus *crispa* 76. Ejus *marcis* undulatum.
132 *Fraxinus* dura f. petræa 76. *Mont.* petrof. & praeruptis.
133 Fraxinus *Frugifera* 75. Montibus & clivosis. *Apric.*
134 Ledum *Silesiacum* majus 129. *Montibus.* Jun. &c.
135 Pinaster *Alpin.* repens 159. *Jugis* Montium repit.
136 *Ribes* insipidum 182. M. *Riphæo.* Fl. *Maio.* Fr. *Aug.*
137 Rosa *Alpina* rubra 184. Ad Rivulos Montium. *Jun.*
138 *Rosa* Arvina f. *Avenaria* 184. Ad *Fragifer.* inter *Secal.*
139 Rubus *Hircinus* 185. Saltubus nemorosis Montium.
140 *Salix* latifolia *pratensis* 187. Udis *Mont.* pratis.
141 *Salix* saxat. f. *Alpina* repens 188. Jugis *Sudet.*
142 *Ulmus* montana 220. *Montosis* ad aream *Fraxinos.*

LONDINI, Sumptibus Autoris, *Platea* vulgò dictâ *Aldersgate-street.* MDCCXVII.

PLANTARUM ETRURIÆ Rariorum CATALOGUS.

E Clariſſimo *Cæſalpino*, *Boccone*, *Mentzelio*, *Raio*, &c.

Farnia glande maximâ rotundiore, *pag.* 32.
Farnia maritima, operibus inutilis, p. 32.
Suberella folio latiore modicè ſinuato 32. *Maritimis.*
Carpinus folliculis membranaceis 38. *Alpibus.*
Opulus *Aceri* ſimilis, foliis minoribus 42. *Planis.*
Fraxinus humilis 43. *Siccis & ſaxoſis.*
Ceraſus ſylv. *fr.* parvo ex viridi flavo, racemulis oblongis 51.
Latrum folio *Ilicis* anguſtiori 74. *Maritimis.*
Legno *Puzzo* & *Putine* 74. *Agro* Plumbienſi.
Rhamnus fol. *Oleæ*, fl. ex *purp.* candicante 74. *Sepibus.*
Sambucus umbellis parvis, *baccis* rubentibus 92. Montibus.
Sambucus paluſtris, *baccis* depreſſis 92. Circa *Piſam.*
Rubus humilis, *baccis* paucis 98. Humidis.
Alvis frutex in *Alpibus* ſine ſpinis, *Ribes* vulgò. 99.
Lycium fol. ſerrato perpetuo 101. Humectis & incultis.
Arbutus maritima, *fr.* aſperiore flavo 103.
Cytiſus fl. pallido, *ſiliq.* turrectis *Ipsum* vulgò 113. *Mont.*
Cytiſus fol. albidis acaulos 114. *Collibus maritimis.*
Cytiſus fol. nigrioribus, *pedic.* longis 114. *Collibus frigidis.*
Geniſta *Alpina* aphyllos, *vincis* palmaribus mollibus 115.
Geniſta humilis, *juncis* acutis robuſtis 115. in *Ilva.*
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296 *Chryſocome* pluribus *capitulis* in unum aggregatis 485. *Mont.*

297 *Chryſocome* latioribus *fol.* hirſut. pluribus veluti *umbellis* (*Montibus.*
ſparſis 485. *Planis.*
298 *Herba impia* alia tenuior. ac ſimplicioribus *corymbis* 486.
299 *Arctium* lanugine *Eupatorio* ſimile 488. *Maceriis & Pariet.*
300 *Cacalia* fol. *Tuſſilaginis* ſubtus candidis 489. *Alpibus.*
301 *Chamæmelum* vulgò *Chamomilla* 491. *Arvis* frequens.
302 *Cota* vulgò *Oculum vaccæ* quidam 492. *Ruderibus* paſſim.
303 *Chryſanthemum* ſimilis *Cotulæ* fol. & caulibus 494. *Ruderibus*
304 *Chryſanthemum* paucior. *ramis*, candidiore *folio* 494. *Arvis.*
305 Calendula ſylv. minor, fl. magis pallido 495.
306 *Aſteriſcus* ſimpl. *caule* dodrantali, *fol.* duris 499. *Alpibus.*
307 *Eadem* fl. cæruleo 496. *Alpibus.*
308 *Aſteriſcus* ramoſa altior, cap. & fl. minoribus luteis 496. *Ruderibus.*
309 *Incenſaria* vulgò *radice* odorata 496. *Montoſ. aridis & incult.*
310 *Incenſaria* altera tenuiore *fol.* rad. *alba* inodora 496. *Priore.*
311 *Doronicum* fol. ab radice *Tuſſilaginis* pedic. longis 497. *Al-*
312 *Cineraria* vulgò 500. *Maritimis aſperis* frequens. (*pibus.*
313 *Jacobea* folio *Erucæ* laciniato 500.
314 Jacobea *Raphani* folio, ſed minus hirſuta 500.
315 *Anthyllis* quædam, *fol.* Lini aſperis, fl. Tripolii 500. *Mon-* (*Sylvis.*
tibus.
316 *Virga aurea* fol. *Laurinis* ſerratis, fl. Conyzæ major. 503.
317 *Virga aurea* caule ſingulari, fl. in umbellis 503. *Alpeſtribus.*
318 Cichorium *Romanum*, longiore folio 506.
319 *Aphaca* anguſtiore folio 508.
320 *Chondrilla* 2 *fol.* hirſutis, *rad.* rotundis ſubflavis 509.
321 *Chondrilla* quædam, *Collibus*, *Vineis & Ædificiis* vetuſtis 510.
322 *Eadem* ramis tuberculis nigris 510. *Priore.*
323 *Amarago* caule unico, cui in medio 3 ſunt *fol.* rot. 510. (*Sylvis.*
Montibus.
324 *Amarago* altera, *caulibus* multis nudis 510. *Montibus &*
325 *Endivia* ſylv. fl. luteo ex alis foliorum 511. *Hortis incul-*
tis, &c.
326 *Sonchus* criſpiore folio 512. *Collibus umbroſis & ſylvis.*
327 *Sonchus* caule bicubitali cavo, *fol.* majoribus 512. *Mont.*
328 *Hieracium* magnum, fol. *Sonchi* ſubhirſuto 512. *Ædificiis.*
329 *Hieracium* quædam in ruderibus, *fol.* nigricante 512. *c.* 13.
330 *Terracrepolus* vulgò, *Olus* ſylveſtre 513. *Collibus ſaxoſis &* (*pideis.*
Ædificiis.
331 *Terracrepolus* quædam, *rad.* Fabaceis 413. c. 15. *Aſperis la-*
332 *Gineſtrella* ſl. *Terracrepolæ* minore 513. *Finear. ſuperciliis.*
333 *Gineſtrella* minima, *foliis* Gramineis 514. *Montibus ſaxoſ.*
334 *Piloſella* altera *caule* folioſo 514. *Collibus gracili ſolo.*
335 *Lactuca* ſylv. *Scariola* & *Serralia* dicta 516. *Agror. limit. &*
humid.
336 *Lactuca* mont. *fol.* brevibus non ſciſſis *&c.* 516. *Alpibus.*
337 *Lactariola* vulgò, folio maculoſo ſubhirſuto 517. *Sylvis.*
338 *Lactariola* alia, *Sopragine* vulgò, grandior & ramoſior 517. (*renoſis.*
Arvis.
339 *Crithmum* ſylv. fol. & umbellis ſpinoſis 522. *Maritimis a-*
340 *Carduus* ſativus, *Carcioffus* vulgò 424. *Hortis* Cibi gratia.
341 *Carlina* vulgò 527. *Alpibus* freq. in *Pratis* Apenninis.
342 *Carlina* altera, *Alpibus* Piſtor. *ac* Lucenſibus 529.
343 Spina *Arabica* 530. c. 41. *Montibus & locis gracilibus.*
344 *Acanthion* 530. Sylveſtribus & *torrentium* alveis. (*Agris.*
345 *Acanthion* maj. & nigrior omnibus *Eriocephalo* ſimilis 531.
346 *Cirſium* Agro Piſano *uliginoſis* ad rad. *Mont.* S. Juliani 551.
347 *Cirſium* alterum fol. latior. & brevioribus 531. *Sylvis.*
348 Circium 3 *Stoppione* vulgò aculeis durior. 531. *Arvis* paſſim.
349 *Acorna* fl. aureo patulo 532. *Collibus aſperis & Campis.*
350 *Senecio* altior & major, *fl.* aureo 537. *Montibus.*
351 *Papaver Spumeum*, fol. *Papaver. Rheados* 539. Incultis & (*Saxoſis.*
Marit.
352 *Papaver Spumeum*, caule erecto, fol. tenuiſſimè ſciſſis 540.
353 *Centaurea* major *Serratulæ* folio 440. *Monte* Gargano.
354 *Scabioſa* folio integro 541. *Arvis.*
355 *Ranunculus* lævi ac molli folio 544. Circa *Piſcinas.*
356 *Ranunculus* lanuginoſus *Malvæ* folio 544. *Incultis, pratis.*
357 *Ranunculus* hirſuto ſemine fol. ſubrotundis 544. *Arvis &*
Cultis.
358 *Ranunculus* hirſ. ſem. fol. *Apii* tenuioris 544. *Priore.*
359 *Ranunculus* aq. fol. parum ſciſſis, *fl.* albo 544. *Aquoſis.*
360 *Ranunculus* humiſerpens, *Apii* paluſt. fol. non acris 545.
Aq. foveis.
361 *Ranunculus* inſectus, fol. *Plantag.* anguſtiore 546. *Humidis.*
362 *Ranunculus* inſectus folio *Tritici* 546. Humidis.
363 *Ranunculus* mont. fol. *rotundo* lanuginoſo 546. *Montibus.*
364 *Ranunculus* mont. 3 folio *minus* ſciſſo, fl. candido 546.
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365 *Chamæmelum* Eranthemon fl. rubicundo 546. Inter *Segetes.*
366 *Trinitas* aliis *Tora* fol. ſubrot. fl. cærul. *ſeu* rubro 457. Se-
quente.
367 *Eadem* fl. candido maculoſo 547. *Montibus & Opacis.*
368 *Anemone* trifoliata 548. *Monte* S. Juliani & Collibus
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369 *Pulſatilla* fol. *Cicutæ*, fl. purpureo 550. *Montoſis & Sylvis.*
370 *Gariophillata* fol. rotundo, fl. grandi, *purp.* f. luteo 550. Mon-
toſis.
371 *Oenanthe* ſimilis *Filipendulæ*, fol. *Agrimoniæ* 551. Montibus.
372 *Fragaria* bis in anno fructicans 554. *Alpibus* Bargeis.
373 *Heptaphyllon* caule recto cubitali 555. *Aſperis.*
374 *Heptaphyllon* alter. humile, palmi altit. fl. candidis 556.
375 *Tormentilla* altera fol. ſubtus candidis 556.
376 *Pes Columbinus* vulgò & *Granum roſtrum* 558. *Ruderibus.*
377 *Pes Columbinus* fl. amplo *Leucoii* ſubrubente 559. *Sylvis.*
378 *Pes Columbinus* fol. rot. diviſa in multas partes 559. *Sylvis.*
379 *Balſaminum* vulgò fl. ex purp. cæruleis, *roſtris* prælongis
559. *Sylvis.*
380 *Rubertiana* brevior ac minus rubens, fol. viridibus 55..
381 *Linum* ſylv. brevius, fl. luteo, *capite* exiguo 563.
382 *Harmel* alia, fol. *Nigellæ*, cap. tripartito 573.
383 *Rhododendron* Herbaceum & puſillum, fl. albo 576. *Alpibus.*
384 *Cepæa* altera fol. brevibus denſis 578. *Montibus.*
385 *Cepæa* 4or digit. altit. fol. modicè angulosis 579. *Pariet.*
opacis.
386 *Cepæa* ramoſior, fl. candicante, fr. ſtellato 579. *Priore.*
387 Umbilicus *Veneris* grandior, fol. latiore hyemalis 579.
388 *Napellus* alter fol. *Platani*, fl. pallidis 585. *Alpibus.*
389 *Dentaria* maj. fl. albo, *ſiliq.* ſimplicibus 585. *Montibus &*
Sylvis. (*clivis.*
390 *Dentaria* min. *ſobolifera*, fl. purp. *ſiliq.* exilibus 586. *De-*
391 *Dentaria* altera brevior non ſobolifera 586.
392 *Vulparia* fol. *Napelli*, fl. Ranunculi 587. *Alpibus.*
393 *Vulparia* fol. rot. ſerrato, fl. minore 587. *Humectis* Alpium.
394 *Vulparia* quædam fol. tenuiſſimis, fl. pallidis 587. *Alp.* Li-
395 *Filix* in paluſtribus *Piſanis* arenoſis 593. (guriæ.
396 *Filix* parva, foliolis nequaquam ſerratis 593. *Montibus*
umbroſis.
397 *Filix* parva, fol. tenuiſſimè denticulatis 593. *Mont. umbr.*
398 *Hemionitis* 595. Vetuſtis Ædificiis, umbroſis & humectis.
399 *Ceterach.* fol. dodrantali ramoſo hirſutiori 596. *Ilicæ* ſaxoſ.
400 *Adiantum* nigrum paucioribus ramis 597. *Montibus.*
401 *Adiantum* alterum fol. Digiti longit. Pollicis latit. 598.
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402 *Equiſetum* ſcandens. longiſſ. caule, fol. nullis aut paucis
403 *Equiſeto* ſimilis, capillaribus *foliis* numeroſiſſimis 602.
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404 *Fegatella* ſ. *Lichen* parva & inutilis 601. *Umbroſis.*
405 *Muſcus* fol. *Cupreſſi* ſed compreſſis 603. *Mont. umbroſis.*
406 *Muſcus* longiſſimus ex *Robore* antiqua aut *Abiete* pendens
407 *Muſci* marini *variæ ſpecies* 603. cap. 24. (603
408 Roſa *marina* fol. rotundis, crebris foraminibus 608.
409 Burſa *marina* rotunda viridis 608. c. 29.
410 *Spuma* Maris, *globus* lævis ex *ampullis* conſtans 608.
411 *Spuma* Maris, fol. auriculatis mollibus 608.
412 *Corallina* fruticoſa, *cortice* rubro, *ramul.* tortuoſis 611.
413 *Corallina* frutic. *cort.* albo, *ramulis* erectis punctatis 611.
414 *Eadem* ramulis veluti denticulatis 611.
415 *Eadem* 4. lanugine nigric. aut cinerea, capillis in extre-
mis granuloſis 611. *Hæ omnes Teſtis ſ. Scopulis mari-*
adhærent.
416 Fungus *marinus* minimus 619. c. 48. Lapillis *mare* naſcitur.
417 *Thlaſpi* ſaxatile, foliis rubris. *Mentzel.* pugillo. *Saxis.*
418 Viola *Cruciata* marina *id.* Littoribus.
419 *Viola* lutea marina *id.* Littoribus.
420 *Thymbra* ſpinoſa *id.* Monte *Juliano.*
421 *Acetoſa* mont. *Mali Limon.* fol. *flagel.* ramoſis *Boc.* Muſ. 164.
Alp. S. *Benedict.* (*Montibus Etruriæ*
422 *Acetoſa* mont. fol. undulato, *flag.* non ramoſis id. 164.
423 *Sonchus* pyramidalis *Boc.* Muſ. p. 41. T. 31.
424 *Tragopogon* parvum, ex luteo purpuraſcens CB. *Etrur.*
(M ſ. 18. Etrur
freq.
425 *Aſter* mont. ſaxat. lut. anguſto &c. *Plantaginis* fol. *Boc.*
426 *Virga aurea* mont. minor *Bocc.* Muſ. 169. f. 118. *Montibus.*
427 *Cyanus* mont. *caule* folioſo, *cap.* oblongo *Boc.* M. 20. f. 2
428 Malva *Betonicæ* folio Boc. 15. fig. *Pratis.* (*Montibus.*
429 *Rubeola* Alp. ſaxat. tenuifolia *Boc.* Muſ. 145. T. 101. *Mont.*
430 *Rubia* lævis *Lini folio*, fl. albis M. *Virginis* B.M. 83. T. 75.
(ſylvoſis.
Montibus.
431 Pulmonaria *Alp.* anguſto folio *Italica* B.M. T. 86. *Mont.*
432 *Pulmonaria* mitis *Fragariæ* odore B. M. T. 105. Montibus.
433 *Digitalis* anguſto *Verbaſci* folio *montana* B.M. 108. T. 85.
434 *Naſturtium* mont. *Aſari* foliis Boc. 5. *Aquoſis* M. Bargæ.
435 *Thlaſpilinium* erect. fl. albo, turbinato utriculo B. M. 38.
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Plantæ Monte *Pamæ* Etruriæ *&c.* E Boccone, & Rayo.

436 *Chamæleon* Alp. *Sonchi* ſpin. fol. lucido, rad. nigra R. 3 P
437 *Helleborus* minimus *Alp.* Altrantiæ flore. *R.* 475. 3. (
438 *Nepeta* tuberoſa ſpicata purp. *Ray* Vol. 3 p. 495 7.
439 *Nepeta* ſaxatilis *cærul.* minima id. 9.
440 *Sideritis* mont. præalta &c. E rubello R.

441 *Braſſica* ſylv. albido *fl.* nutante *ſiliquâ* R. 410. 3.
442 *Turritis* fol. caulem ambientibus, *polyceration* R. id. 7.
443 *Lyſimachia* ſiliquoſa *Alp.* erecta, *Alſines* foliis R. 426. 18.
444 *Tithymalus* dulcis, tuberoſa radice R. 431. 54.
445 Plantæ Montibus *Appeninis* à Mentzelio, Raio,
446 *Adonis* fl. luteo *Mentzel.* Pugillo. (&c.
447 *Alſine* muſcoſa *id.* Saxoſis *Montibus.*
448 *Anagallis* fol. *acutis* oblongis, *fl.* luteo *id.*
449 *Anemone* triſolia, *fol.* integris *id.*
450 *Aquilegia* fol. Thalictri, *fl.* minutiſſimis albis *id.* Petroſis.
451 *Biſtorta* minima, *ſpicâ* proliferâ *id.* Piatis *Mont.*
452 *Cerinthe* fol. & flor. *tenuioribus* anguſtis *purp.* luteis *id.*
453 *Draba* ſaxatilis minor. *id.* (biſſ. *id.*
454 *Helianthemum* ſaxat. caule & fol. incanis oblongis, *fl.* al-
455 *Orchis* fol. & flor. ex toto luteis *id.*
456 *Tragorchis* purp. *barbulis* longioribus *id.*
457 Pentaphyllum *Fragiferum* repens, fl. luteo *id.* Jugis.
458 *Pentaphyllum* fl. albo 3 *unciar.* altit. *id.* Petris.
459 *Pimpinella* Agrimonoides *id.* à *Columna* differt.
460 *Polygala* lutea maj. pedis altitudinis *id.*
461 *Polygala* lutea minor, 3 *uncias* longa *id.*
462 *Polygala* fruteſc. *fol.* piloſis & glabris *id.*
463 *Polygala* frut. *fol.* Myrthi, *fl.* variis *id.*
464 *Polygala* frut. *fol.* tenuibus, *fl.* alb. purp. *id.*
465 *Polypodium* ſaxat. maj. *fol.* parum ſeriatis & aſperis *id.*
466 *Ranunculus* nem. *fl.* pleno albo & purp. major. *id.*
467 *Ranunculus* nem. *fl.* cæruleo *fol.* major. & minoribus *id.*
468 *Ranunculus* dulcis *fol.* latis, Rapiſtri perfoliatis, *fl.* albo *id.*
469 *Saxifragia* alba ſaxatilis, puſilla *id.*
470 *Thaſpi* repens, *fol.* Serpylli incanis, *fl.* luteo *id.*
471 *Thaſpi* repens, fol. *Serpylli* incanis, *fl.* albo *id.*
472 Trifolium *Lupulinum* ſaxatile unciale *id.*
473 Trifolium *Lupul.* fl. *albo* oblongo *id.*
474 Trifolium *Veſicarium*, ſaxatile puſillum *id.*
475 *Barba Hirci* minor, *fol.* albo *Cam.* Horr. 27. *Jugis* Apen.
476 Plantæ *Euganeis* Montibus, è *Mentzelio* &c.
477 *Alſine* media, fol. *Solani* acutis, *fl.* umbellatis *Mentz.*
478 *Ranunculus* nem. *Stigmatoides* quibuſdam *id.* (423. 30.
479 *Veronica* frut. durior, oblongo *Chamedryos* folio R. 3. p.
480 *Nigella* flore magno, *Montis* Ruah *Alentz.* pugillo.
481 *Caryophyllus* arvenſis glaber minimus, C.B. pr. 105. xi. fig.
482 *Bellis* mont. major, *folio* acuto C.B. pr. 121. 3. fig.
483 *Centaurium* minus ſpicatum album C.B. *pr.* 130. fig.
484 Trifolium *Cochleatum* fol. minuto obtuſo, *fl.* latiore C.B.
pr. 140. 9. (287. &c.
485 *Plantæ* circa *Florentiam.* vide *aliæ* Ray *Sylloge*
486 *Fragaria* ſterilis *major* & minor *Mentz.*
487 *Fragaria* fl *pleno id.*
488 *Fragaria* fl. *pleno*, fructu *Botryoide* id. (30. *Muris.*
489 *Convolvulus* minimus, anguſto auriculato folio R. 3. 373.
490 *Lychnis* ſylv. minima, *fl.* exiguo C.B. pr. 103. *Agror.* marg.
491 *Plantæ* Agris & Littoribus *Liburni.*
492 *Alga* ſpiralis maritima *Bocc.* 69. Fig.
493 *Muſcus* ruberrimus marinus *Mentz.* pug. (xi. *Seget.*
494 Vicia *Lathyroides* minor, *fol.* longis &c. *fl.* binis R. 3. 449.
495 *Herniaria* hirſuta C.B. *Arenoſis.*
496 *Cichoreum* prat. Veſicarium *Col.* Sepibus.
497 *Chryſanthemum* tenuifolium Bœticum *Boëlii.*
498 *Sideritis* fol. anguſtiſſimo, *caule* rubro R. *Sylloge* 237. Marit.
499 *Medica* doliata ſpinoſa polycarpos *Park.*
500 *Lathyrus* fl. ex albo & coccineo *Ray.* Satis, *Flor.* Aprili.
501 *Trifolium* album rectum hirſutum valde I.B.
502 Trifolium *Fragiferum*, fl. nitidis *rubellis* Ray.
503 *Bulbus* ſol. *Graminео* hirſuto &c. *Ray* Syll. 269. *deſcr.*
504 *Hyacinthus* paluſtr. vernus *fl.* alb. fimbriatis id. 268. *Foſſis.*
505 *Iris* humilis latif. *fl.* violaceo I.B. *Rupibus.*
506 *Iris* pumila latif. *fl.* luteo R. *Syll.* 268.
507 *Orchis* macrophylla *Col.*
508 *Limonium* parvum Narb. *fl.* majore *R. H.* Pl. 395. 2.
509 Vide *plura* in *Ray* Sylloge p. 268. & 285. 6. *&c.*
510 Plantæ *Montanæ* prope *Lucam* Ray Sylloge 267.
511 *Heſperis* ſylv, latif. *fl.* albo parvo *Park.*
512 *Thlaſpi* folio Sonchi lanati *Ray* Syll.
513 *Thlaſpi* fl. albo monoſpermos *Ray* Syll.
514 *Alſine* Myoſotis *flore* maximo *Ray.* Fl. *Mart. & Apr.*
515 *Sedum* minus *ſem.* ſtellato *Ray* Rupibus & agger. Sepium.
516 Guaicum *Patavinum* elfe ſimilis *Frutex.* R. Syll.
517 Acetoſa *Alp.* minima, fol. *Aſari* Ambroſ. Ray 3. p. 115.
518 *Hieracium* Dentis Leonis *fol.* acuto, glabrum &c. id. 143.
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519 *Pentaphylloides* trifol. *Alpin.* fl. Chameciſti R. 326. 5.
520 Roſa *Alpina* ſupina ſpinoſiſſima R. *Dendr.* 25.
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521 Plantæ *Piſanæ.*
522 *Aconitum* ſaxat. rotundifolium *Mentzel.* pugil.
523 *Anchuſa* parva, *fol.* piloſ. incanis, fl. parvis *Bugloſſæ* id.
524 *Eſula* minor ſiut. *ſpinis* longis horridis *id.*
525 *Jacobea* mont. max. *fo.* incan. integris 6 ped. alt. *id*
526 Fluviatilis *Piſana* fol. dentatis I. B. Ray 121.
527 *Thymus* repens *Piſanus* I. B.
528 Plantæ *Inſula Elbæ* Naſcentes.
529 *Corallina* nigra *Chamæ-conchis* innata *Mentzel.*
530 *Echium.* max. fol. *Bugloſſæ*, fl. magnis. *id.*
531 Gramen *Ægylops* umbell. maximum, 5 ulnæ altit. *id.*
532 Linaria *marit.* fl. luteis, rubris, purp. *id.*
533 *Muſcus* ruberrimus marinus *id.*
534 *Serpillum* erect. frut. *fl.* in ſpica multifidâ digeſtis *id.*
535 Thlaſpi *marit.* fol. oblongis ſtrictiſſimis, *fl.* albis *id.*
536 *Tithymalus* pediculis *florum* longiſſimis *id.*
537 *Hemionitis* altera *Daiech.* Lugd. 1218. Fig.
538 *Lonchitis* aſpera *Ilvenſis* Lugd. Lugd. 1221. Fig.
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LONDINI, Ex Ædibus *Jacobi Petiver*, Plateâ vulgò dictâ *Alderſgate-ſtreet.* MDCCXV.

PETIVERIANA seu NATURÆ COLLECTANEA;

Dom. Petivero *Auctori* Communicata.

A JACOBO PETIVER, *Regiæ Societatis Socio*, &c. LONDINI.

COMMUNI. DIvers *Shells*, *Fossils*, *Minerals*, *Marbles* and *Plants* found about *Lisbon*, and *Communicated* to me from thence, by the most Curious and Learned *Don Pedro d'Almeyda*, Son of the Noble *Count d'Assumar*.

1. Pecten *Lusit.* minor. *striis* pluribus.
2. P. L. min. compressus, medio exilis cavus.
3. Chama *Medit.* mix. perer. fl. *Nob.* Bon. 106. fig. 5. *List.* Hist. Conchyl. *Tab.* 414. f. 258.
4. Chama minor ferrugineus ferè rubescens.
5. *Idem* alba, medio rubro.
6. Chama *Lusit.* minima, ferè *Castanea*.
7. C. L. *alba*, rotunda, perexigua.
8. *Inopina* rugosa, *ore* crispo.
9. Arcuatus *Edinburg.* minor, nodosus *Gaz.* Nat. Tab. 79. f. 6.
10. *Turbinatus* stellatus, *cossis* pulvinatis.
11. *Columbus* minor fuscus, *fascia* alba.
12. Navicula *Gibraltar.* albus perexiguus.
13. Cochlea alba, compressa, parva, *ventre* pulvinato.
14. • • Exigua ex *Asia*, 4 mill. a *Lisbon*.
15. *Balanus* compressus & squammatus *Grew* 149. Tab. 12. fig. Sect. 2. *Lusitanica* Lusitanica. Or *Portugal* Fossils.
16. Chama *Lusitanica*, compressior, *de* Alcantara.
17. Chama *Lusitanica* ventricosior, *de* Alcantara.
18. *Rhombus* Lilii, *clavicula* lata alte incisa.
19. *Unicornu* Lusit. orbibus perinensis.
20. • • *Rarum*. orbibus elatis peracutis.
21. Stalactites *Osteocollæ* facie *de* Ervedal.
22. Stalagmites *Botryoites* è Grotto *d'Icaneda*.
23. *Crystallus* alba, è *Loco* di *Lanca*, in *Alentcio*.
24. *Crystallus* pallidè lutescens, *id.*
25. *Crystallus* anthracinus columnaris, *id.*
26. Selenites *Rhomboides* pellucidus, *de* Alcanede. qr? *Lang.* Hist. *Lap.* Helvetii 27. *Tab.* 3. *Scheutz.* p. 49. f. 71. 2. & 3.
27. *Lapis-Lunaris* nullum *de* Alcanede.
28. *Marmor* albescens è *Monte* Cintra.
29. *Marmor* cinereum, *micis* asperis, *id.*
30. *Marmor* flavescens, lentiginosum, *id.*
31. *Marmor* nigrum *Capillis* rarissimis, *id.*
32. Marmor *Andalusites* è Mont. *Clares* inter Villam *Vicosam*, & *Elvenos*, Provincia de *Alentcio*.
33. Marmor carneum, *lituris* albidis, *Lapillicinis* de Loures, 3 mill. à *Lisbon* Copiosè.
34. *Marmor* perelegans, *lituris maculisque* variis. E *Monte de Arrabida*, 4 mill. à *Lisbon*.
35. Et. 3. *Plantæ* Rariores *Monte Cintra* nascentes, &c.
36. *Plantago* angustifolia, capit. *Lagopi* CB. Ray. H. Pl. 878. 8.
37. *Chamæmelum* fl. multo.
38. *Brassicum* fem. fol. teretibus, CB. 136. *Ray* 359. 1.
39. *Cneorum* cæruleus asperior CB. Ray 302. Retta Jovis *Centris*.
40. *Centaurium* major *Lusit.* fol integro *Nob.* Ray 330. 4.
41. *Eryngium* pumilum, *capitulo* cæruleo.
42. *Eryngium* marit. *Lusit.* ampliore fol. R. 3. p. 240. pl. 12.
43. Oenanthe *Millefolii* fol. *Neb.* R. 459. 6. *Lugd.* 718. f.
44. *Coralium* flavescens, striatum, nodosum *Gazophyl.* Natur. t. 70. fig. 7. de *Briceira*, 4 mill. à *Lisbon*.
45. Et. 3. *Africa* Shells and Drugs *from* Pernambuc, &c.
46. Chama *Pernambucensis* maj. frequens, *cossis* elatâ *Cleb.* Pern. f. 35.
47. • • Exigua pellucida, ferè rubescens.
48. *Unicornu* minus, *cossis* subelatis *Mus. nost.* 833.
49. Pectunculus *Neap.* minor crassus, maculis nivis, G. N. 52. 6.
50. P. N. striatus, ex uno latere levigatus, ex altero vermiculatus.
51. Lunaria *Neapolitana* minor tessellata
52. *Eadem* fulca radiata.
53. Lunaria *Neap.* lucens crassa, parum cuneata.
54. *Auris* rugosa è *Sicilia*.
55. Cochlea *Sicula* umbilico aurito, *mucrone* compresso.
56. Trochus *Tarent.* carenis rubris quadratis.
57. T. *Tar.* spiralis, *caren.* elegantèr marmor. & maculatus.
58. Neritula *Pernambuc.* maculata f. lituraia *varia*.
59. • • Mac. f. lituraia fasciata *varia*.
60. • • *Undulata* varia.
61. Buccinulum *Medit.* gibbosum, *ventre* albo callos. fossili, *List.* 971. f. 20. qr? Bon. 134. f. 175. f. 167. f. 383.
62. • • cancellatum, *lingulâ* cæruleâ G. N. 52. f. 13. ex *Ancona*.
63. B. *Corsicum* exiguum, rubescens, marmor. lucidum.
64. *Unicornu* minus, *cossis* elegantèr elatis *Mus. nost.* 705.
65. Unicornu *minus* perexile, *tessuris* rugosum.
66. Concha *Veneris* maj. maculata, *ventre* albo è *Mozambique*.
67. C. V. *Medii*, Catalanea, è *Pantalera*, G. N. 52. 10. C. 151.
68. C. V. affinis, alba, parva, ex *Alexandria Ægypti*. *Tourcellanes en Coquilage* Pomet. pt. 2. p. 104. c. 49. fig. 97. H. *Drugs*, 302. T. 80. fig. 49.
69. *Eadem* minor.
70. Murex *Medit.* aculeis rigidis brevibus, G. N. 43. 13.
71. Purpura *Medit.* rugosa, *fasciis* Castan. & alb. maculatis, List. 952. f. 1. qr? *Bon.* 150. f. 23.
72. Turbo *Medit.* falcatus elegantèr nodosus.
73. *Unicornu* fossilis, *fasciis* regular. nodosis. E Monte *Felix* prope *Lisbon* veterem *Rom.*
74. *Unicornu* fossilis, *fasciis* regular. varricosis. *Piere*, vid. *Buccin* List. H. *Conchyl.* Tab. 1010, f. 62.
75. Corallium *Album* occultum, ramosissimum.
76. *Corallium* albescens, ramosissimum. *Id.* Pet. 253.
77. Epi-Corallium *Ericoides* album.
78. Retepora Ficaria marmori insper. 625. & 30. f. 2. R. 65. c. 2. 11.

COM. III. Crustaceous & Testaceous *Animals*, sent me from the Curious Mr. *John Sarsdale* Apothecary *at* Barcelona.

79. Cancer *Cassa Galli* dictus *Neb.* Cancer *Ursus* dict. *Rondel.* 504. fig. Migrane *ou* Ours *edit.* Gallicè, 404. f. C. Herculeanus *Alb.* Exang. 190. f. ed. *Francof.* 61. f. 15. Gallinarum *Lat.* a similitudine *Cheiranthi*.
80. Cancellus *crudus* elegantèr nigris, *Bernard l'Ermite Rondel.* 553. f. Bernard the Branch. *Lug.* Incus canalis *Pecten*.
81. *Squilla* vera *Rond.* 545. f. Gall. ed. 362. f. *Gesn.* aq. p. 21. Ultus Marinus *Romæ* Ejusd. 216 *Leon* Sicardi.

441 *Braſſica* ſylv. albido *fl.* nutante *ſiliquâ* R. 410. 3.
442 *Turritis* fol. caulem ambientibus, *polyceration* R. id. 7.
443 *Lyſimachia* ſiliquoſa *Alp.* erecta, *Alſines* foliis R. 426. 18.
444 *Tithymalus* dulcis, tuberoſa radice R. 431. 54.
445 Plantæ Montibus *Appenninis* à Mentzelio, Raio, (&c.
446 *Adonis* fl. luteo *Mentzel.* Pugillo.
447 *Alſine* muſcoſa *id.* Saxoſis *Montibus.*
448 *Anagallis* fol. *acutis* oblongis, *fl.* luteo *id.*
449 *Anemone* trifolia, *fol.* integris *id.*
450 *Aquilegia* fol. Thalictri, *fl.* minutiſſimis albis *id.* Petroſis.
451 *Biſtorta* minima, *ſpicâ* proliferâ *id.* Piatis *Mont.*
452 *Cerinthe* fol. & flor. *tenuioribus* anguſtis *purp.* luteis *id.*
453 *Draba* ſaxatilis minor. *id.*
454 *Helianthemum* ſaxat. caule & fol. incanis oblongis, *fl.* al- (biſſ. *id.*
455 *Orchis* fol. & flor. ex toto luteis *id.*
456 *Tragorchis* purp. *barbulis* longioribus *id.*
457 Pentaphyllum *Fragiferum* repens, fl. luteo *id.* Jugis.
458 *Pentaphyllum* fl. albo 3 *unciar.* altit. *id.* Petris.
459 *Pimpinella* Agrimonoides *id.* à *Columna* differt.
460 *Polygala* lutea maj. pedis altitudinis *id.*
461 *Polygala* lutea minor, 3 *uncias* longa *id.*
462 *Polygala* fruteſc. *fol.* piloſis & glabris *id.*
463 *Polygala* frut. *fol.* Myrthi, *fl.* variis *id.*
464 *Polygala* frut. *fol.* tenuibus, *fl.* alb. purp. *id.*
465 *Polypodium* ſaxat. maj. *fol.* parum ſeriatis & aſperis *id.*
466 *Ranunculus* nem. *fl.* pleno albo & purp. major. *id.*
467 *Ranunculus* nem. *fl.* cæruleo *fol.* major. & minoribus *id.*
468 *Ranunculus* dulcis *fol.* latis, Rapiſtri perfoliatis, *fl.* albo *id.*
469 *Saxifragia* alba ſaxatilis, puſilla *id.*
470 *Thlaſpi* repens, *fol.* Serpylli incanis, *fl.* luteo *id.*
471 *Thlaſpi* repens, fol. *Serpylli* incanis, *fl.* albo *id.*
472 Trifolium *Lupulinum* ſaxatile unciale *id.*
473 Trifolium *Lupul.* fl. *albo* oblongo *id.*
474 Trifolium *Veſicarium*, ſaxatile puſillum *id.*
475 *Barba Hirci* minor, *fol.* albo *Cam.* Hort. 27. *Jugis* Apen.
476 Plantæ *Euganeis* Montibus, è *Mentzelio* &c.
477 *Alſine* media, fol. *Solani* acutis, *fl.* umbellatis *Mentz.*
478 *Ranunculus* nem. *Stigmatoides* quibuſdam *id.* (423. 30.
479 *Veronica* frut. durior, oblongo *Chamedryos* folio R. 3. p.
480 *Nigella* flore magno, *Montis* Ruah *Mentz.* pugillo.
481 *Caryophyllus* arvenſis glaber minimus C.B. pr. 105. xi. fig.
482 *Bellis* mont. major, *folio* acuto C.B. pr. 121. 3. fig.
483 *Centaurium* minus ſpicatum album C.B. *pr.* 130. fig.
484 Trifolium *Cochleatum* fol. minuto obtuſo, *fl.* latiore C.B. pr. 140. 9.
485 *Plantæ* circa *Florentiam.* vide *aliæ* Ray *Sylloge* (287. &c.
486 *Fragaria* ſterilis *major* & minor *Mentz.*
487 *Fragaria* fl. *pleno id.*
488 *Fragaria* fl. *pleno*, fructu *Botryoide* id.
489 *Convolvulus* minimus, anguſto auriculato folio R. 3. 373. (30. *Muris.*
490 *Lychnis* ſylv. minima, *fl.* exiguo C.B. pr. 103. *Agror.* marg.
491 *Plantæ* Agris & Littoribus *Liburni.*
492 *Alga* ſpiralis maritima *Bocc.* 69. Fig.
493 *Muſcus* ruberrimus marinus *Mentz.* pug. (xi. *Seget.*
494 Vicia *Lathyroides* minor, *fol.* longis &c. *fl.* binis R. 3. 449.
495 *Herniaria* hirſuta C.B. *Arenoſis.*
496 *Cichoreum* prat. Veſicarium *Col.* Sepibus.
497 *Chryſanthemum* tenuifolium Bœticum *Boëlii.*
498 *Sideritis* fol. anguſtiſſimo, *caule* rubro R. *Sylloge* 237. Marit.
499 *Medica* doliata ſpinoſa polycarpos *Park.*
500 *Lathyrus* fl. ex albo & coccineo *Ray.* Satis, *Flor.* Aprili.
501 *Trifolium* album rectum hirſutum valde I.B.
502 Trifolium *Fragiferum*, fl. nitidis *rubellis* Ray.
503 *Bulbus* fol. *Graminео* hirſuto &c. *Ray* Syll. 269. *deſcr.*
504 *Hyacinthus* paluſtr. vernus *fl.* alb. fimbriatis id. 268. *Foſſis.*
505 *Iris* humilis latif. *fl.* violaceo I.B. *Rupibus.*
506 *Iris* pumila latif. *fl.* luteo R. *Syll.* 268.
507 *Orchis* macrophylla *Col.*
508 *Limonium* parvum Narb. *fl.* majore *R. H.* Pl. 395. 2.
509 Vide *plura* in *Ray* Sylloge p. 268. & 285. 6. *&c.*
510 Plantæ *Montanæ* prope *Lucam* Ray Sylloge 267.
511 *Heſperis* ſylv, latif. *fl.* albo parvo *Park.*
512 *Thlaſpi* folio Sonchi lanati *Ray* Syll.
513 *Thlaſpi* fl. albo monoſpermos *Ray* Syll.
514 *Alſine* Myoſotis *flore* maximo *Ray.* Fl. *Mart. & Apr.*
515 *Sedum* minus *ſem.* ſtellato *Ray* Rupibus & agger. Sepium.
516 Guaicum *Patavinum* elve ſimilis *Frutex.* R. Syll.
517 Acetoſa *Alp.* minima, fol. *Aſari* Ambroſ. Ray 3. p. 115.
518 *Hieracium* Dentis Leonis *fol.* acuto, glabrum &c. id. 143. 67. *Muris.*
519 *Pentaphylloides* trifol. *Alpin.* fl. Chamecifti R. 326. 5.
520 Roſa *Alpina* ſupina ſpinoſiſſima R. *Dendr.* 25. *Vide* aliæ *Plantæ Lucenſes* Ray Sylloge 267. &c.
521 Plantæ *Piſanæ.*
522 *Aconitum* ſaxat. rotundifolium *Mentzel.* pugil.
523 *Anchuſa* parva, *fol.* piloſ. incanis, fl. parvis *Bugloſſa* id.
524 *Eſula* minor frut. *ſpinis* longis horridis *id.*
525 *Jacobea* mont. max. *fol.* incan. integris 6 ped. alt. *id.*
526 Fluviatilis *Piſana* fol. dentatis I. B. Ray 121.
527 *Thymus* repens *Piſanus* I. B.
528 Plantæ *Inſula Elbæ* Naſcentes.
529 *Corallina* nigra *Chamæ-conchis* innata *Mentzel.*
530 *Echium.* max. fol. *Bugloſſæ*, fl. magnis. *id.*
531 Gramen *Ægylops* umbell. maximum, 5 ulnæ altit. *id.*
532 Linaria *marit.* fl. luteis, rubris, purp. *id.*
533 *Muſcus* ruberrimus marinus *id.*
534 *Serpillum* erect. frut. *fl.* in ſpica multifidâ digeſtis *id.*
535 Thlaſpi *marit.* fol. oblongis ſtrictiſſimis, *fl.* albis *id.*
536 *Tithymalus* pediculis *florum* longiſſimis *id.*
537 *Hemionitis* altera *Dalech.* Lugd. 1218. Fig.
538 *Lonchitis* aſpera *Iveniſis* Lugd. Lugd. 1221. Fig.
539 Polypodium *Iveniſe* Lugd. 174. Fig.

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Opacis, Umbroſis, &c. 30, 102, 19, 44, 366, 7, 85, 6, 96, 7, 8, 404, 5. *Semitis*, Viis, 191, 260 *Paſſim*, ubiq; &c. 46, 153.

Locis Propriis.

Acuto Monte 202. *Apennini* Mont. 34, 265, 341. *Argentario* Monte 115. *Benedicti* Monte, 421. *Gargano* Monte 353. *Ilvæ* Inſula 21, 31, 54, 116, 21, 82, 284, 399, *Juliani* Monte 78, 193, 285, 346, 68. Agris & Littoribus *Liburni* 491 & 509. *Liguriæ* Mont. 143, 66, 394 401. *Lucæ* 58, 342, 510 & 210. *Paviæ* Monte 346 & 44. *Piſa* 12, 32, 134, 208, 44, 69, 94, 346, 95, 521 & 7. *Piſtorienſi* Agro, &c. 230, 342. *Plombienſi* Agro, 9. *Senenſi* Agro 291. *Seravalla* 264. *Urbevetani* Collibus 229.
Arbores & Frutices *Etruriæ* N°. 1 & 26, 33 & 9, 516, 20. *Plantæ* flore *Stamineo* 42 & 54, 421, 2, 51, 75, 517. Lacteſcentes *Fl.* pleno 318 & 38, 523, 4, 75, 96, 518. *Pappoſis* Seminibus, *Fl.* radiato 311 & 7, 50, 425, 6, 525. *Corymbiferæ* 301 & 10, 482, 97. *Capitatæ* 340 & 9, 51, & 4, 427, 36. *Nodifloræ* & Nudo *flore* 291 & 300. *Umbelliferæ* 114, & 50, 339, 437, 52. *Stellatis* foliis 151 & 9, 429, 30. *Aſperifoliæ* 258 & 62, 431, 2, 523, 30. *Verticillatæ* 110, 253 & 90, 420, 38, 9, 40, 98, 527, 34. *Naſifloræ* 111, 66 & 73, 7 & 81, 225, 388, 94, 418, 9, 33, 50, 522, 32. *Nudo* ſemine 355 & 75, 92, 3, 428, 46, 9, 57, 8, 66, 7, 8, 86, 7, 8. 66, 7, 8, 86, 7, 8, 515, 9. *Tetrapetalæ* 112, 60, 1, 82 & 204, 417, 34, 5, 41, 2, 3, 53, 70, 1, 9, 511, 2, 3, 35. *Pentapetalæ* 99, & 112, 62, 3, 4, 74, 5, 6, 217 & 22 6 & 9, 447, 54, 69, 77, 80, 1, 3, 9, 90, 514, 9, 33. *Piſſloræ* 79 & 98, 113, 460 & 4072, 3, 4, 84, 99, 502. *Bulboſæ* & affines 223, 4, 30 & 57, 455, 6, 505 & 7. *Anomalæ* 27 & 32, 40, 1, 78, 195, 205 & 16, 444, 508, 24, 36, 5. *Frumentaceæ* 55 & 77, 531 *Plantæ* minus perfectæ 395, & 416, 465, 92, 3, 526, 9, 33, 7, 8, 9.

LONDINI, Ex Ædibus *Jacobi Petiver*, Plateâ vulgò dictâ *Alderſgate-ſtreet.* MDCCXV.

PETIVERIANA seu NATURÆ COLLECTANEA; Domi Forisque *Auctori* Communicata.

A JACOBO PETIVER, *Regiæ Societatis Socio*, &c. LONDINI.

COMMUNIC. I. DIvers *Shells*, *Fossils*, *Minerals*, *Marbles* and *Plants* found about *Lisbon*, and *Communicated* to me from thence, by the most Curious and Learned *Don Pedro d'Almeyda*, Son of the Noble *Count d'Azumar*.

1. Pecten *Lusit.* minor, *striis* plurimis.
2. P. L. min. compressus, medio extùs cavus.
3. Chama *Medit* max. perexilis *Nob.* Bon. 106. fig. 59. *List.* Hist. Conchyl. *Tab.* 414. f. 258.
4. Chama minor tenuis ferè rubescens.
5. *Eadem* alba, medio rubro.
6. Chama *Lusit.* minima, ferè *Castanea.*
7. C. L. *alba*, rotunda, perexigua.
8. *Purpura* rugosa, *ore* crispo.
9. Aporrhais *Edinburg.* minor, nodosa *Gaz.* Nat. Tab. 79. f. 6.
10. *Buccinum* tessellatum, *costis* pulvinatis.
11. *Rhombus* minor fuscus, *fasciâ* albâ.
12. Rhombus *Gibraltar.* albus perexiguus.
13. *Cochlea* alba, compressa, parva, *ventre* pulvinato.
14. • • perexigua ex *Aoja*, 4 mill. à *Lisbon.*
15. *Balanus* compressus & squammata *Grew* 149. Tab. 12. fig. Sect. 2. *Fossilia* Lusitanica. Or *Portugal* Fossils.
16. Chama *fossilis*, compressior, *de* Alcantara.
17. Chama *fossilis* ventricosior, *de* Alcantara.
18. *Rhombus* fossilis, *clavículâ* latâ altè incisâ.
19. *Unicornu* foss. *Lusit.* orbibus perincisis.
20. • • *Barcin.* orbibus elatis peracutis.
21. Stalactites *Osteocollæ* facie *de* Ervedal.
22. Stalagmites *Botryoites* è Grotto *d'Alcaneda.*
23. *Chrystallus* alba, è *Poco* di *Lanca*, in *Alentcio.*
24. *Chrystallus* pallidè lutescens, *id.*
25. *Chrystallus* anthracinus columnaris, *id.*
26. Selenites *Rhomboides* pellucidus, *de* Alcanede. qr? *Lang.* Hist. *Lap.* Helvetii 27. *Tab.* 3. *Scheutz.* p. 49. f. 71. 2. & 3.
27. *Hyt-Alumen* ruffum *de* Alcanede.
28. *Marmor* albescens è *Monte* Cintra.
29. *Marmor* cinereum, *micis* asperfis, *id.*
30. *Marmor* flavescens, lentiginosum, *id.*
31. *Marmor* nigrum. *Capillis* variis albis, *id.*
32. Marmor *Alabastrites* è Mont. *Clares* inter Villam *Vicosam*, & *Estremos*, Provincia de *Alenteio.*
33. * Mus cinereo albedine mixtum. *Priore.*
34. *Marmor* carneum, *lituris* albidis, *Lapidicinis* de Loures, 3 mill. à *Lisbon* Copiosè.
35. *Marmor* pretelegans, *lituris maculisque* variis. E *Monte* de *Arrabida*, 4 mill. à *Lisbon.*

Sect. 3. *Plantæ* Rariores *Monte Cintra* nascentes, &c.

35. *Plantago* angustifolia, capit. *Lagopi* CB. Ray. H. Pl. 878. 8.
36. *Chamæmelum* fl. nudo.
37. *Abrotanum* fœm. fol. teretibus, CB. 136. *Ray* 359. 1.
38. *Cnicus* cæruleus asperior CB. Ray 302. Resta Bovis *Cintris.*
39. *Centaurium* majus *Lusit.* fol integro *Nob.* Ray 330. 4.
40. *Eryngium* pumilum, *capitulo* cæruleo.
41. *Eryngium* marit. *Lusit.* ampliore fol. R. 3. p. 240. pl. 12.
42. Œnanthe *Millefolii* fol. *Nob.* R. 459. 6. *Lugd.* 718. f.
43. *Coralium* flavescens, striatum, nodosum *Gazophyl.* Natur. Tab. 76. fig. 7. de *Ericera*, 4 mill. à *Lisbon.*

Sect. 4. *African* Shells and Drugs *from* Pernambuc, &c.

44. Chama *Pernamb.* maj. trequetra, *costâ* alatâ *Cochl.* Pern. f. 35.
45. • • tenuis minor pectinicida, ferè rubescens.
46. *Turris marina* vulg. Tarie, è *Marzagan* Africæ.
47. *Nautilus* pleuronis, *dorso* bidentato *Nob.* List. T. 556. f. 7. opt. qui *Bon.* 91. f. 13.
48. Nerita *Pern.* varia *varietates* vid. *Gaz.* Nat. *Tab.* 67. & 8.

Sect. 5. *Drugs* from St. *Jago* one of the *Cape Verd* Isles, &c.

49. *Indigo* Officinarum seu *Anil Ray.* 920. c. 4. *Jam.* Cat. 141.
50. *Anacardium* Occidentale *Offic.* R. 1649 c. 15. *Jam.* Cat. 148.
51. Cassia fistula *Offic.* Ray 1746. c. 8. *Jam.* Cat. Plant. 145.
52. Cassia fistula *Brasiliana* C. B. 403 2. R 1747. 2. *Jam.* C. 146.
53. *Cola amarga* Lusit. *Arbor* permagna, *cortice* valde amaro, Semine Lupulo *Olei* plenis.
54. *Spinho Beto* Lusit. *Acacia* filiq. falcatis cinereis, velutinis.
55. Mammee. *Arbor* Indica *Mammei* dicta C B 417. *Ray* 1685. c. 14. *Pluk.* Tab. 248. f. 4. *Jam.* Cat 179.
56. *Ouri* ou *Avila.* Incolis. *Bonduc* cinerea *Nob.* R. 1743. c. 3. CB. 432. *Ray* 166. 2. *Jam.* Cat. 41.
57. Semente de Purga *Lusit.* Ricinus *Amer.* major. fem. nigris
58. *Tavatom* Incolis. *Coral* filiq. articulatis, fem. coccineis.
59. Tamarindus *Offic.* Ray 1748. c. 9. *Jam.* Cat. Plant. 147.
60. *Tortollo* Incolis. *Arbor* venenata lactifera, *fem.* cathartica.
61. Jicapucaya *Marcgr.* 128. fig *Zalucayo* Pis. 66. f. edit. 2. fl. 155. fig. opt. *Ray* Hist. Plant. 1977. c. 7.
62. *Pareira* brava *Pomet.* l. 2. p. 68. fig. Wild *Vine*, Hist. of *Drugs* 37. Tab. 15. f. 14. A Specifick in *Stone.* H. *Acad.* R. 1710. 8vo. p. 73.

COM II. *Shells*, *Fossils* and *Corals*, sent me from the Reverend F. *Philip Bonann*, S. I, at *Rome.*

63. Pecten *Mediter.* maj. costis antè spinis *Nob.* Bon. 98. f. 3. & 4. *List.* H. C. Tab. 165. f. 2. *Cappa Veneta* Italis.
64. Spondylus *Medit.* externè ruber muricatus, *Nob.* Bon. 100. f. 20. & 1. *Scatapinzolo* Tarentinis.
65. *Pectunculus* max. crassus lævis ferè radiatus, *Mus. nost.* 833. A. Camadie *Tarentinis*, Bon. 107. f. 64 5.
66. Pectunculus *Neap.* minor crassus, maculis rufis, G. N. 52. 9.
67. P. N. striatus, ex uno latere serratus, ex altero verruculatus.
68. Lunata *Neapolitana* minor tessellata.
69. *Ead.* fusca radiata.
70. Lunata *Neap.* lucens crassa, parum cuneata.
71. *Auris* rugosa è *Sicilia.*
72. Cochlea *Sicula* umbilico aurito, *mucrone* compresso.
73. Trochus *Tarent.* carenis rubris quadratis.
74. T. *Tar.* spiralis, *caten.* eleganter marmor. & maculatus.
75. Neritula *Pernambuc.* maculata f. liturata *varia.*
76. • • Mac. f. liturata fasciata *varia.*
77. • • *Undulata* varia.
78. Buccinulum *Medit.* gibbosum, *ventre* albo callosa sessili, *List.* 971. f. 26. qr? Bon. 134. f. 175. f. 167. f. 383.
79. • • cancellatum, *lingulâ* cæruleâ G. N. 52. f. 13. ex *Ancona.*
80. B. *Corsicum* exiguum, rubescens, marmor. lucidum.
81. *Unicornu* minus, *costis* eleganter elatis *Mus. nost.* 705.
82. Unicornu *iconi* perexile, *tessulis* rugosum.
83. Concha *Veneris* maj. maculata, *ventre* albo è *Mozambique.*
84. C. V. *Media*, Castanea, è *Pantalera*, G. N. 52. 10. C. 151.
85. C. V. affinis, alba, parva, ex *Alexandria* Ægypti. *Pourcellanes* en *Coquilage* Pomet. pt. 2. p. 104. c. 49. fig. 97. H. *Drugs*, 302. T. 86. fig. 49.
86. *Eadem* minor.
87. Murex *Medit.* aculeis rigidis brevibus, G. N. 68. 13.
88. Purpura *Medit.* rugosa, *fasciis* Castan. & alb. translucidis, List. 952. f. 1. qr? *Bon.* 150. f. 23.
89. Turbo *Medit.* fasciis eleganter nodosis.
90. *Unicornu* fossilis, *fasciis* regular. nodosis. E Monte *Pelia* prope *Urbem* veterem *Romæ.*
91. *Unicornu* fossilis, *fasciis* regular, verrucosis. *Priore*, vid. *Buccin* List. H. *Conchyl.* Tab. 1019, f. 82.
92. Corallium *Album* oculatum, ramosissimum.
93. *Corallium* albescens, ramosum. *id.* Pet. 153.
94. Epi-Corallum *Ericoides* album.
95. Retepora. Ficara marina Imper. 625. & 30. f. 2. R. 65. c. 3. 1.

COM. III. Crustaceous & Testaceous *Animals*, sent me from the Curious Mr. *John Salvador* Apothecary *at* Barcelona,

96. Cancer *Crista Galli* dicta *Nob.* Cancer *Ursus* dict. *Rondel*, 564. fig. Migrane *ou* Ours *edit.* Gallicè, 404. f. C. Heracleoticus *Aldr.* Exang. 199. f. ed. *Francof.* 61. f. 15. Gallus marinus *dict.* a similitudine *Chelarum.*
97. Cancellus *cibelis* eleganter rugosis, *Bernard* l'Ermite *Rond.* 553. f. Branca seu Branchu *Lig.* Locus canibus *Provinc.*
98. *Squilla* lata *Rond.* 545. f. Gall. ed. 392. f. *Gesn.* aq. p. 215. Ursus Marinus *Romæ* Ejusd. 216. *Icone* Sitrardi.

99. Echinus *Catalonicus* aculeis longissimis *Nob.* Cardtus Maris f. Calyx Echinatus & *Aurantia* maris *Bonan.* 92. f. 17. This Elegant *Sea Urchin*, the Curious *Salvadore* says, is very frequent on their *Coasts*; some of its *Needles* are near 4 Inches long, very taper, and not thicker than a *Common* Ruth.
100. Idem *nudus*, orbiculis *majoribus Nob. Bon.* 92. f. 18. It's the large Orbicular *Vestigie* of this *Shell*, that we meet with *Fossill* both *here* and in *Switzerland.*
101. *Uva* marina. *Salvad.* qr? *Setiarium* ova *Rond.* 504. f.
102. Pecten *Barcin.* minor, rubescens.
103. *Sphondylus* max. ruber, intùs albus. qr? *Rond.* aq. 41. f.
104. Glycymeris *Medit.* maj. percrassus, leviter striatus.
105. *Glycymeris* zonis ferè lasciatis. The *Girdles* are most seen in the *largest Shells*; for whilst *small* they are more *Marbled*, and the inner Edges finely notch'd.
106. Mytulus *Medit.* vulg. *Nob.* Concha *Rhomboides* Bon. 103. f. 32. *Rond.* aq. 72. f. *Gesn* aq. 207. *edit.* Ic 227. f
107. Pectunculus *Barcin.* medius triquetrus. The *broad Part of this* Cockle, *especially the In-lid is purplish.*
108. Lunata *Medit.* fasciis valdè rugosis.
109. Purra *Medit.* major, eleganter ferrata.
110. *Tellina* Medit. *Olivacea*, interdum radiata.
111. Musculus *Liburn.* oblongus, teres, qr? *Dactylus* Bon. 102. f. 28. *Soler* Venetum *Gesn.* Icon. aq. 242. f.
112. Musculus *Barcin.* ore hiato.
113. Pinna *Medit.* permaxima muricata *Nob.* qr? *Pinna* aculeata *Aldr.* exang. p. 533. fig. *ed.* Francof. 176. *Tab.* 16. f. 10. *Bon.* 101 f. 24. *List.* 372. f. 213.
114. Dentale *Anglicum* minus G. N. 65. 9. Cat. 82. *List.* H. C. A. Tab. 547. f. 2. *Dentalium* Offic. *Dale* Pharm. 546. 1. *I shall be glad to see the* Worms *in this* Pipe-Shell.
115. *Cochlea* Hort. *Angl.* similis, sed compressior. *Very like* G. N. 65. f. 4. *but much larger.*
116. Cochlea *terrest.* Fibularia *Barcinonensis*. qr? *Trochus* 1. Rond. aq. 92. f. *but its more like the Shell as* Gesner *has copied it in his* Icon. Aquat. 249. f. ult. *being there much rounder and blunter.*
117. Cochlea *celata* Bon. 114. f. 11. 2. & 13. *Rond.* aq. 98. f. Scaragol *vel* Cagarolo *di mar* Hispanis & Monspel.
118. Ejus *Operculum* G. N. 65. f. 5. o. Umbilicus *marinus* Langii H. Lapid. *Helvet.* 116. Tab. 50. fig. Bon. 114. f. 14.
119. *Buccinulum* Barcin. *Pyramid.* nigric. ore elato albo.
120. · · pellucidum, *mucrone* obtuso.
121. · *Medit.* læve, ex albo nigroque variegatum G. N. 45. 14.
122. · *Gibbul.* mac. albis catenatis, *fasciâ* pellucidâ.
123. *Bucc.* maculosum Vet. &c. *Echinophora* Bon. 115. f. 19. *List.* 1003. f. 68 qr? *Aldr.* exang. 399. fig. reversâ.
124. Buccinum *Medit.* major, *fasciis* sulcatis. *qr?* Bon. 115. f. 20. f. 21. *Rond.* aq. 83. f.
125. Buccinoides *Mauric.* nodosa, ore croceo. *qr?* Bon. 115. f. 18. *List.* 957. f. 9.
126. *Trompeta* utriusque *Indiæ.* qr? *Buccinum* Rond. aq. 81. f. reversâ *Id Gallice* 52. f.
127. *Trompeta* rugosa minor, *ore* crispo. *qr?* Turbo *magnus* Rond. aq. 88. f.
128. Unicornu *Medit.* muricatum *List* 1019. f. 28. qr? *Aldr.* exang. 354 f. 3. edit. *Francof.* 120. Tab. 7. f. 5. N. B. *Almost if not all the* Shells *in both the* Latine and French *Editions* of *Rondelet* have reverted *Figures*, viz. their *Mouths* to the *Right*, which should be to the *Left*, as they are copied by *Aldrovand* and *Gesner.*

Barcelona Fossils.

129. Ostrea *Barcin.* hinc inde verrucosa.
130. *Ostrea* crassa & prælonga, *cardine* longissimo. *This resembles the* Virginia *Rock-Oyster*, List. 201. f. 34.
131. Pecten *Melius* Fossilis, *vid.* G. N. 94. f. 1.
132. *Pecten* minor, *striis* tenuioribus: *vid.* Mus. nost. 832.
133. *Echinites* minor, *costis* 5. verucosis. *These are the* Size *of a* Cloak-Button, *round and somewhat compress like* Plot. *Nat. Hist.* Oxon *Tab.* 5. f. 6. *but doubly bigger*
134. Vomica *fossilis* major. *These are smooth and convex on both Sides, the* Largest *rarely exceed the Dimensions of a* Shilling, *or the* Thickness *of an* Inch.
135. Vomica hæmispherica, *circulis* subtùs capillaceis. *This seems to be the last* Split, *whose inward Superficies are compos'd of circular* Fibres, *like* Scheutz. Lith. *Helvet.* fig. 48.
136. Vomica parva convexa. *These exceed not a small* Lupine *Seed.*
137. Vomica *compressa*, tenuis minor. *Very thin, and much flatter than the last, but double its Dimensions.*
138. *Eradesia* parva *pileata* fossilis. *Not broader than a* common Spangle; *concave on one Side, and convex on the other, rising in a Point.*
139. *Trompeta* major *fossilis.* Like 126. *It's a Span* long, *and near a Foot* about.
140. *Veneroides* fossilis *fasciata.* Like G. N. 97. f. 23. *but this has furrow'd Girdles.*
141. *Rhombus* minor, pyramidalis *vide* List. 729. f. 14.
142. *Rhombus* minor patulus, *clavicula* cava *vide* List. 730. f. 44.
143. *Unicornu* fossilie *Nost.* 20. *like* Mus. Pet. 738. *A fair and elegant* Fossill.
144. Unicornu *fossile* maj. intùs albo vitreatum. *Like* List. 521. f. 59. *it's somewhat larger than the last, with many small* fasciæ, *if not defaced, the* Orbs *blunt or roundish; it shines within like* white glazed Ware *or* China.
145. *Idem*, Fluorescens, matrice Argillacâ. *Seems the same with the last, but composed of* Spar, *in a hard slaty Bed.*
146. *Marmor* flavescens *Barcin.* dendrite. *This has the same* Moss-like Ramifications *as are in our* Oriental *Marbles.*
147. *Ferri* minera *Catal.* rubiginosa & quasi exusta.
148. *Plumbi* minera *Barcin.* albo *Fluore* mixta.
149. Terra miniacea *Catalon.* fossile. *Its upper Bed* striated *like* Talk, the rest heterogeneous and more glittering.
150. Stalactites *Thuroides.* Like *Franckincense*, rugged and yellow without, but within whitish.

Corals and other *Mediterranean* Submarines.

151. *Coralium* albidum *Medit.* nodulosum. *Like our* small *Cornwal* Coral, *but this grows in* Clusters *and much larger.*
152. *Coralium* implexum, *tubulis* intùs & extremitatibus fistulatis.
153. Coralium *chelis* brevibus obtusis punctatis.
154. *Epicoralium* Muscosum. *An Incrustation over some fine* Sea Moss.
155. Reticulum *Tophaceum* marinum *Chabr.* 577. Ic. 5. I. B. 3. l. 30. c. 54. f. *Imper.* 642. f. opt. *Ray.* 65. 3.
156. *Ribes* marina. *From the Nature of their growing in* Clusters *like* Currans, *perhaps an* Ovary.
157. *Bursa* marina CB. 368. 12. *Alga Pomum* Monspel. I. B. 3 l. 39. p. 3. *Pulmo* marinus *Rond.* aq. 131. 28. f. *Gesn.* aq. Icon. 266. f. *Ray* 83. 8. I. B. & *Chabr. have ingrafted this on the left Sides of the* Root *of the* Alga angustifolia Vitrariorum, *which others have copied without mentioning.*
158. *Pila* marina *Medit.* vulg. G. N. 64. f. 4. *Cat.* 157. *Chabr.* 570. Ic. 1. I. B. 3. l. 39. c. 4. p. 783. *Ray* 83. 9. *It's like a rough* Maw-Ball, *made up of the hairy Fluse about the* Roots *of the* Grass-wrack. *&c.*
159. *Manus* marina *Gesn.* aq. 524. fig. edit. Ic. 273. *Chabr.* 572. Ic. 4. I. B. 3. l. 31. c. 31. f. *Ray* 77. 7. *This is like* Gesner's *Figure* which *Cornelius Sittard sent him.* N. B. *The* Fingers *in our* Specimen *are full of small scaly Warts as in our* common *Wrack* or *Quercus* maritima. *This elegant Sea Body Dr.* Salvadore *sent me growing to the* Pectunculus Echinatus.
160. Sertolaria *Imper.* 653. fig. opt. *Chabr.* 572. Ic. 3. *Opuntia* marina *Lark.* 129. 4. f. 12. *Ray* 77. 5. Sea Bandstrings.

COM. IV. Barbadoes *Trees*, whose Specimens were collected there and brought me by Mr. *Jam. Rheed. Arbores* Coniferæ & Juliferæ. *Trees* bearing *Cones*, Catkins, &c.

161. *Button* Tree Pluk. Tab. 204. fig. 3. *Ray* Dendr. xi. 7. *Dendr.* Amer. 51. 1. *Alni* fructu, Lauri folia, *Arbor* maritima *Jam.* Cat. 135.
162. *Barbadoes* Bastard *Cedar* Pluk. 159. f. 4. *Dend.* Amer. 51. 3. *Cencramidea* 3. Alm. Bot. 92. *Alni* fructu, Loti Arbor. folio Barbadensis.
163. Barbadoes *Cypress* Pluk. 197. f. 4. *Alm.* Bot. 201. pl. ult. *Juniperus* Barbad. *Cupressi* folio, *ramulis* quadratis.
164. Fustick *Pluk.* 239. f. 3. *Alm.* Bot. 395. pl. 4. *Dendr.* Amer. 52. R. *Dendr.* 14. 3. Morus *Barbad.* fr. viridi, *ligno* Sulphureo tinctorio, *Jam.* Cat. 128.
165. Manchaneel-Apple *Jam.* Cat. 129. *Pluk.* 142. f. 4. *Dend.* Amer. 52. 6. Manchinella *Barb.* arbor Julifera, lacteicens, venenata, *Pyri* folio.

Arbores Siliquiferæ. *Trees* with *Pods*, &c.

166. Bean-tree *Jam.* Cat. 142. *Coral* arbor *Clus.* 253. f. Ray. 1736. c. 1.
167. Pidgeon-pea *Jam.* Cat. 39. *Pluck.* 313. f. 3. *Ray* 1723. 6. Anagyris *Indiæ* utriusque, *siliquis* catenatis.
168. Indigo *Jam.* Cat. 116. R. 926. c. 4. *Park.* 600. f. 3. *Chabr.* 82. f. 6.
169. *Wild* Indigo *Jam.* Cat. 148. *Pajomirioba* hexaphylla subrotundis foliis.

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169. Purging *Cassia* Jam. *Cat.* 145. R. 1746. c. 8. CB. 403. 1.
170. *Horse* Cassia *Jam.* Cat. 146. *Cassia* filiula *Brasiliana* CB. 403. 2. Ray. 1747. 2.
171. Spanish *Carnations* or wild Senn *Jam.* Cat. 149. *Barbadoes* Flower Fence *Ray* 281. 10. & Vol. 3. p. 482. 1. Poinciana *Indiæ utriusque Nob.* H. Mal. Vol 6. T. 23. p. 1.
172. Tamarinds *Ray* 1748. c. 9. H. Mal. V. 1. T. 23. p. 39.
173. Big Nickars *Jam.* Cat. 144. *Bonduc* sem. cæsio Ray 1743. c. 3.
174. *Yellow* Nickers *Jam.* Cat. 141. *Bonduc* sem. flavo.
175. Arnotto *Jam.* Cat. 150. *Maucaw*, or *Roucou*-tree *Ray* 1771. c. 21. CB. 410. 8. *Clus.* Exot. 74. f. *Hern.* 74. f. opt.
176. Barbadoes *Spanish* Briar *Ray* 977. 2. Jam. *Cat.* 152. pl. 1. *Park.* 1547. f. 2. opt. Acacia *Amer.* siliquis tumidis.
177. *Spanish* Ash *Pluk.* 140. f. 3. Ceratia 1. *Ray* 3. p. 113. Caroba *Barbad.* fol. Fraxini.
178. Spanish *Oak* Pluk. 141. f. 2. Caroba *Barbad* tetraphylla, fl. flam. spicatis.
179. Barbadoes *Rot-bean* Almag. Bot. 96. pl. 1. qr? *Ray* 1760. Jetaiba *Barbad.* lobis minoribus.
180. *Moabite*-tree *Pluk.* Tab. 1. fig. 6. *Jam.* Cat. 162. *Ray* 1754. c. 8. & Y. 3. p. 478. pl. 34. id. *Dendr.* 113. Intsia *Barbad.* tetraphylla, siliq. intortis, *sem. nigri lucidis.*
181. Dogs-prick *Pluk.* 172. f. 4. Alm. Bot. 126. pl. ult. *Jam.* Cat. 153. pl. 5. *Ray* D. 102. 3. Dendr. *Amer.* 52. 9. Caroba *Barbad.* Laurifolia. *filiq.* mucosi miniata.
182. Black *Sallow* Pluk 221. f. 2 & Alm. Bot. 328. Brevnia *Barbadens.* terraphylla.
183. *White* Willow Pluck. 221. 1. *Jam.* Cat. 153. pl. ult. *Ray* D. 100. 5. *Brevnia* Barbad. *Oleastri* folio.
184. Barbadoes *Jessemy*-tree *Pluk.* 207. 2. A. B. 109. pl. 3. *Jam.* Cat. 154. 3. *Ray* D. 114. 4. Dendr. *Am.* 52. 9 Nerium *Barbad.* arbor. fl. incarnato.
185. White-wood *Pluk.* 204. 3. & A. B. 215. Jam. *Cat.* 154. pl. ult. *Ray* D. 114. 2. Dendr. A. 52. 12. Nerium *Barbad.* Album, folia *Laurinis* palmatis.
186. Cabinet *or* Prince-wood *Pluk.* 239. 2. & A. B. 395. *Spanish-Elm*, or *Prince-wood* Jam. *Cat.* 155. Ray *Dendr.* 115. 6. Dendr. *Am.* 53. 15. *Nerio* affinis, *Lauri* folio, fl. luteo amplo.
187. Swamp *Mangrove* or *Oyster-tree* Pluk. 204. f. & A. B. 241. *Jam.* Cat. 152. 2. R. 1772. 1. Mangle *Barb.* fol. *Pyri* rigido.
188. White *Mangrove* Pluk. 204. 4. & A. B. 241. Mangle *Barbad.* fol. *Carobæ* adversis.
189. Silk-Cotton *Pluk.* 188. f. 4. & A. B. 172. H. Mal. 3. T. 49. p. 59. *Ray* 1064. 2. & 1899. pl. 5. & 6. Gossipium *Indiæ utriusque*, fol. digitatis planis.
190. Barbadoes *Cotton-bush* Pluk. 188. f. 1. & A. B. 172. Gossipium *Barb.* fol. trifido.
191. Musk *Mallow* Pluk. 127. 1. *Jam.* Cat. 98. *Ray* 1067. Famia *Barbad.* hirsuta, sem. Moschato.
192. Ocra *Jam.* Cat. 98. pl. 4. *Alm.* Bot. 16. pl. 5. *Bamia* fructu *esculento*, brevi decogeno.
193. Long *Ocra* Jam. *Cat.* 98. pl. 3. Alm. *Bot.* 16. pl. 6. & Mant. 7. *Bamia* fructu *esculento*, longo, recurvo.
194. *Dogwood*-tree *Jam.* Cat. 143. *Mant.* 150. pl. 2. *Ray* D. 108. 9. Bagua *fructu* membranulis alato, *Laserpitii* more.

Arbores *fructu* maximo. *Trees* with large Fruit.

195. Coco-tree *Jam.* Cat. 132. *Park.* 1596. f. Dendr. *Amer.* 2. p. 50. Palma *Indica* Nucifera *Cocos* dicta *Ray* 1356. 4. Hort. *Malab.* Vol. 1. Tab. 1. &c. f. 1. *Chabr.* 27. f. 4. & 28. f. 1. CB. 508. 1.
196. Cathew *Jam.* Cat. 187. *Park.* 1568. f. *Anacardium* Occidentale *Nob.* Ray 1649. c. 15. H. *Malab.* V. 3. T. 54. p. 65. *Chabr.* 24. f. 6. CB. 510.
197. Banana *Jam.* Cat. 192. *Dend.* Amer. 14. p. 51. *Banana* fructu maj. recto *Nob.* Ray. 1375. 2. *Piso* 76. *ed.* 154. f. 2. CB. 508. 1.
198. Plantain-tree *Jam.* Cat. 180. *Ray* 1374. *Park.* 1496. fig. *Musa* fructu adunco angulosо *Nob.* Piso 75. f. *ed.* 154. 1. 1. H. *Mal.* 1 T. 6. p. 17. *Chabr.* 9. f. 5 & 6. p. 10. f. 1. CB. 507. XI.
199. Red *Guayava* Jam. *Cat.* 198. *Park.* 1671. Guayava *fructu* rubro majore *Nob.* H. Mal. 3. T. 35. P. 33. CB. 347. *Ray* 1455.
200. *Papaw*-tree *Jam.* Cat. 202. *Ray* 1370. c 1. & 2. *Park.* 1649 f. 5 *Papaya* major *mas & femina* Nob. H. *Mal.* 3 T. 15. p. 21 &c. CB. 431. 2. & 434. 12. & 457. 4.
201. *Custard*-Apple *Jam.* Cat. 204. *Pluk.* 134. 4. *Anona* angustifolia, *fructu* majore luteo *Nob.* H. Mal. 3. T. 30. & 1. P. 2. R. Dendr. 77. 2.
202. Sower-*sop* or *Prickly* Apples *Jam.* Cat. 203. *Anona* fructu spinulis aspero *Nob.* Ray 1651. 5. & Dendr. 77. 5. *Pluk.* 135. f. 2. qr? id. 134. f. 2.
203. Sweet-*sop* Jam. *Cat.* 205. 1. Ray 1650. 1. Dendr. 77. 1. *Pluk* 134. f. 3. H. *Mal.* 3. T. 29. p. 21. *Anonis* fructu sanguineo dulci *Nob.*
204. Water *sop* or *River*-Apple *Jam.* Cat. 205. 2. *Pluk.* 240. f. 6. R. Dendr. 78. 1. *Anona* aq. fol. Laurinis, *fructu* minore luteo.
205. Garlick-*Pear* Jam. Cat. 205 Ray 1641. c. 3 Dend. 74. 7. *Tapia* arborea triphylla *Raii.* H. B. 22 T. 21 *Pet* 4. f. 22. Pilo 69. f. *ed.* 140. f. H. *Mal.* 3. T. 42. p. 4
206. *Arbor* Cucurbitifera *Raii Cat.* fol tenuibus apiculatis *Nob.* Cujete *Hern.* H. B. 23 T. 16 *Pet* 2 f. 14. *Pluk* 137. 7
207. Arbor Cucurbitifera *Sorbi* fol cratis confertis.
208. Citron *Jam* Cat. 208. *Ray.* 1654 c. 1. *Citrus* vulg. *Nob.* Park. 1506. f.
209. Lemmon *Jam.* Cat. 209. *Ray* 1656. c. 2. *Limo* vulg. *Nob* Park 1507 f
210. Lime *Jam.* Cat. 211. *Limo* sylv. fructu parvo subacido *Nob.*
211. Orrange *Jam.* Cat. 210. *Aurantia* vulg. *Ray* 1658 c. 3. P. 1508 f.
212. China Orange *Jam.* Cat. 211.
213. Shaddocks *Jam.* Cat 212 *Pompelmo's* Alm. Bot. 39. *Ray* Pend. 80. 1. *Aurantium* fructu maximo pallescente.

Arbores *fructu* medio. *Trees* with *middling* Fruit.

214. *Cabbage*-tree *Jam.* Cat. 176. *Ray* 1361. 12. Dend. *Amer.* 1. p. 50. Alm. Bot. 275 Pl. ult. *Palma* Regia *Barbadensis.*
215. Palmetto *Jam* Cat 177. *Ray* Dendr. pl 2. 3. D. Amer. 7 p 50 Palma *Barbad* non spinos. *fol* flabelli *seu* Flabelliformi, *fructu* ossiculo nigro *Alm* Bot. 277 pl 8.
216. *Balsam*-tree *Jam* Cat. 167. *Ray* D 51 4 Dendr. *Amer* 35 p. 74 Barbadoes *Balsam*-Apple *Pluk* 157 f 2. Alm. Bot 92 pl. 4 Cucumis *Barbad.* Balsamifera, fol. rotundo crasso.
217. Parbadoes *All-spice* or *Mango* Pluk. 170. f. 4. Alm Bot. 124 *pl* ult. Lycium *Cucurbitiferum* Barbadense *aromaticum.*
218. Barbadoes *Dartwood* or *Ink*-berry *Pluk.* 97. f. 5. 6. Alm. Bot 234. pl. 6. & ult. *qr?* Ink-wood or Berry *Pl* 205. f. 2. *Alm.* B. 246. 1. *Lycium* Barbadense, fol. lucido subrotundo.
219. Barbadoes *Cedar* Pl 157 1. A. B. 92 1 Ligon H *Barb* 14. 41. & 73 Cedrus *Barbad* fol. *Fraxini*, fr sicco pentrafori *Nob.* Jam. *Cat.* 182. pl. ult. R. Dendr. 41. 8. *This is known by its peculiar Fruit and Sweet red* Wood.
220. Mattick-*Tree* Pl 217. f 5. A B 307 1. *Jam* Cat. 180 *id.* Hist 40. *Ligon* 14 & 73 R Dendr. 21 p 42 *Prunus* Barbad. *Lauri* folio, *Masticifera.*
221. *Soap*-berry *Jam.* C. 184 Pluk 217 f 7 CB 511. 1. *Clus.* Exot. 42. f *Lugd* 1877. c 181. Stapel 363 f. *Quiti* Brahl *Marcgr* 113. f. *Pis. ed.* 102. f. Arbor *Saponaria* Americana *Ray* 1548. 2.
222. Barbadoes *Olive* Pl. 209. f. 3 A. B 269. Pl 6. R D. 47. 6. *Olea* Barbadensis.
223. White *Plum*, qr? *Pl* 216 f. 8 *Prunus* alba *Barbad* fol. leviter serrato.
224. Barbadoes *Plum.* Pl. 218 f 3. A. B. 306. 3. qr? *Jam.* Cat. 181 Prunus *Barbad.* fol. venoso rigido
225. Barbadoes *Damozen Pl.* 17. f. 6. A. B. 306. pl. ult. Prunus *Barbad.* fol. tenuiore.
226. Barbadoes *Black*-bud and *Black*-wood Pl. 205 f. 3 A. B. 246. 2. *Jam.* Cat 135. Hist. 38. D A. 23. p 54. qr? *Ray* 1687. c. 17 *Arbor* Barbad. *Laurocerasi* folio.
227. Jack in a Box *Pl* 208. f. 1. A B. 266. 5. Hernandia *Plum* E. E. Amer 6. T. 40. *Pet.* T. 3. f. 22. Hernandra *fol.* cordato amplo umbilicato, *fl.* hexapetalo.
228. Barbadoes *Sweet*-wood Pl 176 f. 1. A B 139 8 *Jam.* Hist 38. *Evedexylon* Barbad fol lato, *Beretini* fructu.
229. Bastard *Sweet*-wood Pl. 176. f 2 A. B 139 Pl. ult. qr? *Ray* Dendr 23 p. 86. Evedexylum *Lauri* folio, *fl* hexapetalo.
230. Fire-*Sprig* Pl. 175. f. 6. A. B. 138. pl. 7. *Ray* D. 127. *pl* ult. *Escanoxylum* Barbad. *fol* Cacao.
231. Pidgeon-*Fig* Pl. 178. f. 4. *Jam.* C. 189 Ray D. 15. 5. *Ficus* Bolonifera, *Pyri* folio, *fr.* Cerasi. *The* Pidgeons *much covet this* Fig.
232. Clammy *Cherries* Pl. 158. 1. A. B. 94. Pl. 15 *Jam.* C. 169. 2. R. D. 45. 14. *Cerasо* affinis, *fr.* coccineo viscoso, sem. rugoso.
233. Bar-

234. Barbadoes *Cherry* Pl. 157. f. 4. A. B. 94. pl. 18. *Jam.* C. 172. R. D. 74. 1. Simmeraka *fr.* rubro acido sulcato, polyspermos. *Common* in *Gardens*, &c.

235. Chequer-*Grape*. Uvifera *arbor* Americana, *fr.* aromatico purpurato *Pl.* 237. f. 4. A. B. 394. pl. 7.

236. Mangrove-*Grape* Pl. 237. f. 5. A. B. 394. pl. 8. Uvifera *arbor* Barbad. *Cacao* fol. *stolonibus* proliferis.

237. Jamaica *Mangrove*-Grape *Jam.* C. 183. Ray 1795. 1. & *Dendr.* 40. 5. Pl. 236. f. 7. A. B. 394. *pl.* ult. *Guajabara* Caribæorum *fol.* rotundis rigidis.

Sir *Hans Sloane*, says, the *Spaniards* with an *Iron* Pin *write*, or rather *stile* on these *Leaves*, when *Paper* and *Ink* are scarce.

238. *Climbing Pink*. A. B. 38. *pl.* ult. *Guajabara* Barbad. fol. ret. venis mollibus. *This bears its* Fruit *on a long* Spike *like the last.*

239. Letter'd *Pl.* 222. f. 8. A. B. 38. pl. 18. *Guajabara* Barbad. *fr.* tubo rotundis venosis ferrugineis.

Arbores fructu minore. Trees with small *Fruit.*

240. Birch *tree* Pl. 151. 1. A. B. 67. *Jam.* C. 167. R. D. 50. 2. Pl. 233. p. 73. *Betula* Amer. *bacca* triquetrâ odore *Terebinthi*

241. *Box* Pl. 139. 6. A. B. 74. 7. *Jam.* C. 167. 1. R. D. 65. *pl.* ult. *Ebenus* Barbad. *fructu* ex ceo dipyreno.

242. Great yellow *Hercules* Pl. 239. f. 6. A. B. 8. p. 396. *Fagara* Barbad *Cinereo* folio.

243. Prickley *Yellow wood* Pl. 239. f. 4. A. B. 396. pl. 5. 9? Jam. C. 138. R. D. 70. 15. *Fagara* Barbad. *Arboris* Fustick *fol.* rotundioribus crenis.

244. Wild-*Honey-tree* Pl. 142. f. 3. A. B. 43. pl. ult. Jam. C. 137. pl. 2. R. D. 75. 4. *Baccifera* argutè ferrata, *fr.* minimo croceo. In *Woods*, &c.

245. Ballard *Locust tree*. q? *Jam.* C. 165. R. D. 49. 1. *qr?* Pl. 200 f. 6. Baccifera *Amer.* fol. *Lauri*, *f.* calyculato monopyreno. *Grows* in *Meadows.*

246. Barbadoes *Sweet-Bay* or *Pimenta* Pl. 155. f. 2. A. B. 88 6. Bacc. *Lauri* folio *bacca* ovali.

247. Round *Barbadoes* Pimenta Pl. 155. f. 3. A. B. 88. 7. *Pimenta* Barbad. *fol.* & *fr.* rotundis.

248. Black-*Sage* Pl. 221. f. 3. A. B. 329. *Jam.* C. 163. 2. *Hist.* 39. R. D. 31. 18. Camara *Barbad.* Spicata *fol.* Salviæ.

249. White-*Sage* Jam. C. 4. p. 164. *Hist.* 39. R. D. 17. 31. *qr?* Pl. 114. f. 5. *Camara* Barbad. fol. & flor. rotundis.

250. *Bitter-wood* Pl. 238. f. 4. A. B. 395. pl. ult. *Xylopicron* Barbad. *fr.* oblongo calyculato.

251. *Fiddle wood* Pl. 162. f. 1. A. B. 108. 3 *qr?* Jam. C. 170. 5. R. D. 61. 1. *Citharexylon* Barbad *Lauri* foliis.

252. Timber *Fiddle wood* Pl. 162. f. 2. A. B. 108 5. *Citharexylon* Barbad. *Lauri* foliis. 2 fere numerosus.

253. *Fiddle wood* with dented Leaves Pl. 161 f. 5. Citharexylon Barbad. *fol.* dentatis.

254. Lignum wood *Lignum Rhodium* or *Rosum* Pl. 201. f. 3. A. B. 228. 2. *Jam.* C. 137. 2. R. D. 88. 30. D. A. 55. pl. 34. Baccifera *Barbad.* fol. *Betulæ* plumis & perforatis.

255. *Milk-wood*, Pl. 185. 1. A. B. 164 *Jam.* C. 136. *Hist.* 39. R. D. 87. 27. D. A. 54. 31. *Galactoxylum* Barbad. *Laurocerasi* folio nitore. *This yields a* Poysonous Milk *from all its Parts, and kills into* Bindlime.

256. *Log* or *Fustic-wood* Pl. 230. f. 8. A. B. 369. pl. 10. *Jam.* C. 136. *Lignum* Hist. 39. R. D. 87. 28. D. A. 54. 32. *Ligon* 68. Tithymalus *Arbor* Barbad. *Citri* fol. leviter crenatis. *Common in Meadows.*

257. *Red wood* Pl. 175. f. 5. Alm. Bot. 138. pl. 6. *Erithroxylum* Barbad. *Hydrolapathi* foliis.

258. *Red wood* Park. 139. fig. 6. Alm. Bot. 40. pl. 6. *Myrtus Barbadensis* viminibus virgis.

259. *Spirit-wood* Park. Tab. 215. f. 5. Alm. Bot. 320. Pl. 3. *Pneumatoxylum* Barbad. *haec* calyculatâ tetrapyrena. Arb. *Barbad* flor. f. fruct. faciem mutat.

Barbadoes *Trees*, whose *Flowers* or *Fruit* are little known.

260. *Barbadoes Dogwood* Mantis. *Jamaic.* Boerh. 150. pl. 2 *Pyracantha* arbor *Barbad.* fol. rotundis.

261. Black *Dogwood* Park. 172. f. 6. Alm. Bot. 127. pl. 2. *Cynoxylum Barbad.* nigrum, *Laurocerasi* folio.

262. *Barbadoes Iron-wood* Pl. 224. f. 2, Alm. Bot. 340. pl. 12. *Sideroxylon* Barbad. *fol.* speculatis.

263. *Whip-wood* Park. Tab. 298 fig. 2, Alm. Bot. 395. pl. 8. *Nissolia* seu *Flagelliformis* arbor *Barbadensis*

264. *Ketmia*. *A poysonous Tree. Flowers like Honey suckle. Arbor Barbad. Fagi folius* pulchrè venosis.

265. *Rally-bough* Park. Tab. 144. fig. 4. *Arbuscula Barbad. fol.* ferrugineis asperis.

266. Barbadoes *Fingrigo* or *Savin* Pl. 107. f. 4. A. B. 219. 2. Fingrigo *Barbad.* spinosa, parvis *fol.* & *costis* alatis.

267. *Black-with* Pluk. Tab. 145. 4. Alm. Bot. 48. 3. Volubilis *Barbad.* triphylla, pediculo alato.

268. Broad-leaf *Clymer*. Pluk. 146. f. 1. *Castaneæ* folio *Barbad.* scandens.

269. *Weeping-Bower* Pluk. 145 f. 3. Volubilis *Barbad.* aculeis 2. ex alis fol. apiculat.

N. B. Divers *Trees* in *Barbadoes*, *Antego*, *Jamaica*, &c. *Sprigs* of whose *Flowers* and *Fruit*, will be very acceptable. *Trees* with *Catkins*, viz. * *Bastard* Cedars * *Fustick*. Manchineel. *Trees* with *Pods*, viz. *Bean trees*, Purging and Horse *Cassia*. Spanish *Ash*, *Elm*, * *Oak*, *Sinacod* and *Moabite Trees*, *Dogs-prick*, Black and white *Willow*, * *Cabinet* or *Prince-wood*, White and other *Mangroves*, * *Dog-wood*, Common and Mountain *Ebony*, Indian *Savin*, * Wild *Tamarinds*. *Trees* with large *Fruit*, viz. *Banana's* and *Plantains*. All *Sop* Apples and *Gourd*-trees, * *Prickley*-Pole, * *Thatch* and *Dragon*-tree, *Anchovy* Pear, *Mamee*, * *Mammee Sapota*, * *Santa Maria*, * *Avocado* Pear, * *Sapotillas*, Wild *Pappaws*, &c. *Trees* with *midling* Fruit, *viz.* Cabbage, * *Palm* Oil and *Palmetto* trees, * Great and small *Macaw*, * *Balsom* and *Mango* trees * *Cedar*, *Mastick*, *Soap*-berries and *Olives*. All *Plums*, Jack *in a* Box, * *Fire* and *Five*-Sprig, *Black* and *Sweet*-woods, *Black*, Sower, *Coubauge* and other *Cherries*. All *Grapes*, Leather-coat, Loblolly, &c. *Trees* with *Berries* and other small *Fruit*, viz. *Birch*, *Box*, *Hercules* and yellow *Woods*, *All Spice* and sweet *Bays*, *Honey* tree, Ballard-*Locus*, Hog Doctor and *Boar*-tree, * *Cloves* and *Poyson* berries, *Eichy* tree, * *Olive bark* and wild *Jessamy*, *All* Sorts of *Sage Bitter*-woods, *Fiddle*-woods, *Iron* and *Light*-woods, *Milk* and *Poyson*-woods, *Red* and *Rose* woods, * *Spirit*-wood, * *Silver* wood, &c. *N. B.* Those with this * *Mark*, will be chiefly acceptable to *J. Petiver.*

COM. V. *Trees* and *Herbs*, sent me from the *Isle* of *Providence*, by that Curious Gentleman Capt. *William Walker*, Chief of the *Bahama* or *Lucay* Isles.

270. Brasiletto *Dying wood.*
Brasiletto arbor spinosa, *foliis* Buxeis.

271. White *Cinamon* Pl. 160. f. 7. *Jam.* 165. ult.
Winteranus Offic. *cortice* albicante.

272. Wild-*Grape*. Bears a small red *Fruit*, which makes good *Wine*. Walker. *Vitis* Provident, *fol.* altè denatis.

273. Lignum *Vitæ*. Jam. *Cat.* 186. *Ray* 1685. R. D. 85. Pl. 33. f. 3. 4. A. B. 180. CB. 448. 1. 2. *Clus.* exot 312. f. *Guaicum* Amer. *Buxi* foliis.

274. Madera *Timber*. Jamaika *Petiv.* Nat. Collect. 180.

275. Moho-tree *Il.* 178. f. 3. quoad *Fol.* A. B. 144. 8. Mant. 175. *Jam.* C. 95. R. D. 319. 16. *Ketmia* utriusque *Indiæ*, Tiliæ *folio* luteis albicantè.

276 * *Sweet Bark*. A Tree W. qr. Pl. 220. *f.* 5. *Elutheria* Provinc. *fol.* cordato subtùs argenteo.

276. *Saffron*-tree. *Celtis Amer.* fol. *Citri* subtùs aureo, *fructu* tubo *Insitit.* R. j. Herb. 612.

277. A small *Tree* unknown *Walker*. Lilac *Provid.* Myrti *fol.* flore *tubuloso* Ramineo.

278. Sea-side *weed*. Bears a red *Berry*, which will make *Ink* or dye a *Purple*, Walk. *Solanum* racemosum *Americ.* minus *Jam.* C. 85. Pl. 112. f. 2. A. B. 353. pl. 3. *Ray* V. 3. p. 349. pl. 1.

279. A *Plant* made use of for *Burns* and Scalds W. Chrysanthemi *forte* species.

COM. VI. My Hearty Friend, Mr. *John Partridge Apothecary*, presented me with the following *rare Corals* gather'd near the *North Pole.*

280. Coralloides *Americ.* lignosa, pereleganter verrucosa.

281. Corallia *marina* squamea, *squamis* deorsum spectantibus *Lang.* H. Lapid Helvet. p. 57. T. 17. f. 2. *Planta marina Rosedæ facie Clus.* Exot. 123, f. *Chabr.* 576. Icon. Park 1302. f. 4. *Resedæ* lapidea CB. 100. 5. & 365. 1. *Ray* 68, &c.

COM. VII. The Three following *Animals* from *Buen Ayre*, were presented me by my Neighbour Mr. William Smith, *Junior.*

282. *Armadilla* valdè pilosa, *fronte* magno scutato. An accurate *Account* and *Figure* of this *rare Creature* we hope suddenly to see from that *expert Anatomist* Dr. Jo. Douglas, F. R. S. &c.

283. *Columba marina* palmipes, Call'd there *Pintado*. Taken Captain *George Joffs* caught with a *baited* Hook.

284. The *Spur-winged Lapwing*. *Vanellus* humeris cubito armatis. Mr. *John Thrapploe* shot this 50 Leagues up the *Rio Plata*, on the *South* shore.

LONDON, Printed for *James Petiver* in *Aldersgate-street*. MDCCXVI.

PETIVERIANA II, seu NATURÆ
COLLECTANEA;
Domi Forisque *Auctori* Communicata.

A JACOBO PETIVER, *Regiæ Societatis Socio*, &c. LONDINI.

COMUNIC. I. PLANTS growing *wild* about *PARIS*, sent me from that *Accurate Botanist*, D. Sebastian Vaillant.

1 *Fluviatilis* fol. denticulatis, *Hist.* Pl. *Paris* 196. Chabr. 563. f. 5
2 *Herniaria* glabra, 96. *Chabr.* 455. f. 1.. Ray 214. 6.
3 *Persicaria* angustifolia, 220. B. *pr.* 43. R. 183.
4 Chondrilla *Juncea* viscosa arvensis, 188. CB. 130. R. 223. 9.
5 *Hierac.* fol. *Coronopi*, 201. CB. 128. Tab. Ic. 181. 2. H. 607. f. 3.
6 *Aster* mont. lut. *Salicis* fol. glabro, 77. *CB.* 266. 6. R. 266. 1.
7 *Conyzis* affinis, 8. *CB.* 265. 7. *Lugd.* 1282. Fig.
8 *Jacobea* vulg. fol. instar *Erucæ* vulg. 277. *CB.* 131. 1. var.
9 *Carduus* prat. latifolius, 259. *CB.* 376. 1. R. 305. 1.
10 *Cyanus* repens latifolius, 203. *CB.* 207. 5. R. 322. 3.
11 *Chamæmelum* maj. *fol.* tenuiss. *caule* rubente, 416.
12 *Eryngium* mim. mitius, capitulo magno, 421. H. R. *Paris.*
13 *Succisa* hirsuta, 141. *CB* 269. 2.
14 *Apium* montanum, 216. *Dal*, Lugd. 702. f. 1.
15 *Bulbocastanum* maj. fol. *Apii*, 403. *CB.* 161. 1. Dod. 434. f.
16 *Bupleurum* fol. subrot. f. vulg. 180. *CB.* 278 2. R. 473. 1.
17 *Meum* latifol. adulterinum, 195. *CB.* 148. 4. R. 473. 1.
18 *Saxifraga* Matth. *Italorum*, 445. Chabr. 383. f. 5.
19 *Seseli* palustre lactescens, 367. CB. 162. xi. R. 314. 2.
20 *Cruciata* palustris supina minima Par. 426.
21 *Cynoglossum* minus 401. *CB.* 257. x. *Colum.* 179. f. R. 491. 5.
22 Lithospermum *Linariæ* folio *German.* 537. *CB.* 259. 8.
23 *Lycopus* palustris villosus, 288.
24 *Marrubium* album villosum, 291. B. *pr.* 10. 2. R. 557. 6.
25 *Prunella* 2. non vulg. *albo* flore, 62. Clus. 43. f. 2. R. 551. 2.
26 *Sideritis* hirsuta procumbens, 534. *CB.* 233. 2. R. 564. 7.
27 Aristolochia *Clematitis* recta, 175. *CB.* 307. 5. R, 762. 5.
28 *Linaria* min. repens & inodora, 209. H. R. *Paris.*
29 *Linaria* pumila supina lutea 110. *CB.* 213. 1. R. 754. 8.
30 *Melampyrum* purpurascente comâ, 288. *CB.* 234. 1. R. 774. 1.
31 *Pedicularis* lutea, 294. Tab. Ic. 791. 1. H. 2. p. 470. f. R. 769. 2.
32 Viola *Martia* arboresc. purpurea, 239. *CB.* 199. 2. 1052. 1.
33 *Ranunculus* aq. *Plantag.* fol. angustissimo *Par.* 525.
34 *Ranunculus* nemorosus *luteus*, 522. *CB.* 178. 1. R. 625. 3.
35 Ranunculus *Oleraceus* major, 523. Tab. Ic. 52. 2. H. 142. f. 3.
36 *Sedum* min. lato & crasso caule *Portland.* Belgic. 533 H. R. *Par.*
37 *Asparagus* sylv. tenuissimo folio, 56. *CB.* 490. 2
38 *Thlaspi* Alysson *dictum* campestre majus, 52. *CB.* 107, 1.
39 *Thlaspi* arvense *perfoliatum* majus, 233. *CB.* 106. 7. R. 832. 7.
40 *Thlaspi* mont. luteum, 383. I. B. 2. l. 22. p. 929. f. R. 830. 4.
41 Alsinastrum *Gratiolæ* folio, *Par.* 380.
42 *Betonicæ* f. *Tunicæ* mim. similis planta, 490. I. B. 3. p. 338. R. 1003. 5.
43 *Caryophillus* arv. *umbell.* fol. glab. 51. *CB.* 210. 4. R. 1028. 8.
44 *Centaurium* purp. minimum, 412. H. *Blæs.* 566. R. 1092. 3.
45 Chamæcistus *Ericæ* fol. lut. humilior, 465. *CB.* 466. 12. *var.*
46 Cistus *Ledon* fol. Thymi, CB. 467. 14. *Clus.* 81. f. R. 1011. 12.
47 *Helianthemum* fl. maculoso, 94. Col. 2. p. 77. CB. 465. xi. R. 1012. 2.
48 *Hyssopifolia* maj. latioribus foliis, 529. CB. 218. 13. *var.*
49 *Lychnis* sylv. angust. *calyc.* turgid, striatis, 211. CB. 2053. R. 997. 22.
50 *Lychnis* visc. fl. *muscoso* min. 211. Tab. 820. f. 2. H. 2. 492. f. 1.
51 *Verbascum* fem. fl. *luteo* magno. 163. *CB.* 239. 3. R. 1094 2.
52 Anonis *lutea* sylv. minima, 52. *Col.* 301. f. R. 958. 7.
53 Fænum *Græc.* sylv. alterum polyceration, 195. CB. 348. 4.
54 Ferrum *Equin.* Gall. *filiq.* in summitate, 191. CB. 349. R. 925. 1.
55 Trifolium *Cochleat.* polycarp. *fol.* crenatis, 492. CB. 329. 4. R. 964. 21.
56 *Trifolium* mont. *alb.* 540. *CB.* 328. 5. Clus. 245. f. 1. R. 943. 6.
57 *Vicia* peren. incana, multiflora, 311. Bot. *Monsp.* 277.
58 *Allium* sylv. tenuifolium, 413. *Lob.* Ic. 193. 2. R. 1117. 4.
59 *Orchis* fem. procerior majori flore *Par.* 508.
60 *Orchis* palmata *Batrach.* 509. *CB.* 86. 10. *Lob.* Ic. 133. 1.
61 *Orch.* palm. *palust.* 292. 111. *CB.* 86. 14. *Lob.* Ic. 1932. R. 1225. 3.
62 *Orchis* palm. *palust.* lat. 509. *CB.* 86. 12. *Dod* 241. f. R. 1225. 1.
63 *Thalictrum*, 5. vel prat. 1. *Clus.* 234. Par. 537.
64 Festuca *Aven.* sterilis humilior, 91. *CB.* 10. 8. R. 1289.
65 Festuca *Graminea*, effusâ jubâ, 91. *B.* pr. 19. 65. R. 1290. 10.
66 Festuca *Graminea*, glumis hirsutis, 91. *CB.* 9. 1.
67 *Gramen* minimum, 87. *Dal.* Lugd. 425. f. R. 1279. 15.
68 Gr. *nemor.* panic. *albis* capillaceo fol. 33. *B.* pr. 14. 45 Th. 97. 1.
69 Gr. *prat.* spicâ purp. ex utriculo prodeunte, 273. Lugd. 425. f.
70 *Linagrostis* paniculâ minore, *Par* 486.
71 *Genista* ramosa fol. *Hyperici*, 451. *CB.* 395. 4. Lugd. 173. f.
72 *Pinus* marit. altera, 351. *Matth.* CB. 492. 6. Lob. Ic. 229. f.
73 *Salix* platyphillos *leucophæus* 357. *Lugd* 257. f.

Plantæ *PARIS*, quarum *Specimina sicca* vel *semina recentia*, valde grata erunt *Jac. Petiver.*

74 *Atriplex* angustissimo & longissimo folio xi. H. L. *Bat.*
75 *Blitum* rubrum minus, 383. *CB.* 118. *Cam.* 235. f. R. 200. 2.
76 *Herniaria* hirsuta, 96. Chabr. 455. f. 2.
77 *Parietaria* minor *Ocymi* folio, 295. *CB.* 121. Boc. 147. f.
78 *Persicaria* latif. floris *calyce* candido, *Par.* 220.
79 *Potamogiton* ramosum angustifolium. 352. *CB.* 193, 7.
80 *Dens Leonis* tenuissimo *folio*, 331. B. pr. 62. *Col.* 2. p. 31. f.
81 Hieracium *Erucæfolium* hirsutum, 99. Chabr. 319. f. 2.
82 *Hieracium* max. glabrum *Erucæ* folio *Par.* 470.
83 *Hieracium* luteum hirsutum 99. *Chabr.* 319. f. 2.
84 *Hieracium* min. *Dent. Leonis* fol. subaspero, 98. *CB.* 127. 5.
85 *Hieracium* min. D. L. *folio* oblongo glabro, 341. *CB.* 127. 6.
86 *Hieracium* muror. laciniat. minus pilosum, 97. *CB.* 129. 2.
87 *Hieracium* Phlomoides, 470. *Tab.* Ic. 184. 1. H. 608. f. 8.
88 *Scorzonera* angustifolia prima, 143. CB. 275. R. 249. 4.
89 *Scorzonera* fol. nervosis, 532. *CB.* 275. 3. R. 250. 10.
90 *Scorzonera* palustris *pulveriflora*, 301. H. R. Paris.
91 Chrysanthemum *Alpin.* fol *Abrotani* multifidis, 474. *CB.* 134.
92 *Conyza* incana, 178. CB. 265. *Lob.* Ic. 347. 1.
93 *Doronicum* Plantaginis *folio*, 433. CB. 184. R. 277. 9.
94 *Jacobea* mont. lanug. *angustif.* non laciniata, 474. CB. 131. 8.
95 *Carduus* stellatus, *fol.* integris serratis, 323. B. *Monsp.* 292.
96 *Jacea* Austriaca, *Par.* 473. vi. *Clus.* 7. 2. R. 328. 24.
97 *Sium* palustre alterum *fol.* serratis *Par.* 302.
98 *Sphondylium* hirsut *fol.* angustioribus, &c. 365.
99 *Rubia* sylv. *Monsp.* major, 528. *I. B.* 3. 715. R. 480. 2.
100 *Heliotropium* maj. *Autumnale* Jasmini *odore* Par. 96.
101 *Elatine* fol. acuminato, fl. ceruleo, 487. CB. 253. 3.
102 Viola *Mart.* sylv. min. *fol.* mucronat. oblong. & strictioribus, CB. 199. 1. var.
103 *Pulsatilla* fol. crassiore & majore, fl. laciniato *Par.* 131.
104 *Quinquefolio* Fragifero *affinis*, 350. CB. 326. 5. R. 616. 2.
105 *Sedum* minus *teretifolium* alterum, 147. CB. 283. 2.
106 *Consolida Regal.* arvensis 432. CB. 142. 4. R. 708. 4.
107 *Brassica* sylv. *fol.* circa rad. *cichoraceis* 160. *CB.* 112. 8.
108 *Chamædrys* spuria maj. *angustifolia*, 169. *CB.* 249. 14.
109 *Thlaspi* Alisson *dict.* campestre min. 52. *CB.* 107. 2. R. 829. 2.
110 *Campanula* arvensis minima, 252. Dod. 168. f. 1.
111 *Caryophyllus* sylv. vulg. latifol. 185. *CB.* 229, 1.
112 *Alsine* hirsuta minor, 120. *CB.* 251. 3.
113 Geranium *Columb.* tenuius laciniatum, 85. *B.* pr. 138. 2.
114 *Lychnis* sylv. 113. Tab Ic. 293. 2. H. 2. p. 10. f. 4. G. 382. f. 1.
115 *Verbascum* fœm. fl. albo, 164. *CB.* 239. 4.
116 *Cicercula* sylv. 259. Tab. Ic. 500. 2. H. 2. p. 22. f. 2.
117 *Trifol.* Fragifer. *nostras* purp. *fol.* oblongo 44. *Ox.* 144. 14.
118 Cynosorchis *Militaris* minor, 508 *CB.* 81. 3.
119 *Orchis* Anthropophora *Oreades* altera, 349. *Col.* 2. p. 9
120 *Orchis* palmata *palust.* maculata, 509. *CB.* 86. 15.
121 *Orchis* abortiva *Violacea*, 486. *CB.* 86. 2. R. 1229. 3.
122 *Orobanche* major fœtidissima, *Par.* 123.
123 *Helleborine* mont. *angust.* purpurascens, 200. *CB.* 187. 7.
124 *Helleborine* fl. *albo* vel *Damasonium* mont. lat. 340. CB. 187. 5.
125 *Tithymalus* mont. non acris, 537. *CB.* 292. 3. R. 870. 34.
126 *Tithymalus* palust. fruticosus, 368. *CB.* 292. R. 861. 8.
127 *Valeriana* sylv. major altera, folio lucido, 237. H. P. Par.
128 *Trichomanes* fol. elegant. incisis, 535. T. Ic. 797. 1. H. 474. f 3.
129 *Genista* alba, 430. *Tab.* Ic. 1100. 2. H. 2. p. 802. f. 2.
130 *Quercus* fol. molli lanugine pubescentibus, 352. CB. 420. 1.

COM. II. Basil *Plants* sent me from Dr. *Zuinger*, *Physician* in that *City*.

131 *Polygonum* littor. min. *Flosc.* spadiceo albicantibus, 83. B. pr. 131. 3. Ray 213. 2.
132 *Hieracium* Chondrillæ *fol.* glabrum 37. CB. 127. 3.
133 *Hieracium* Chondrillæ *fol.* glabro, rad. Succisa majus, 37. CB. 127 4.
134 *Hieracium* Chondr. *fol.* glabro, rad. succisa minus 38. CB. 128. 5.
135 *Hieracium* Chondr. *fol.* hirsutum 37. CB. 127.2.
136 *Hieracium* Dent. Leonis *fol.* obtuso, minus 37. B.pr.63.3.
137 *Hieracium* minus glabrum, *fol.* elegantèr virentibus, 37. B. pr. 63. 2.
138 *Hieracium muror.* lacin. minus pilosum 38. *latifolium.*
139 *Hieracium muror.* lacin. minus pilosum, 38. *angustifol.*
140 *Pilosella* major *erecta*, CB. 262. 2. R. 241. 16.
141 *Pilosella* maj *repens*, minus hirsuta, CB. 262. 3. R. 243. 3.
142 *Carduus* in *Avena* proveniens, CB. 376. 8.
143 *Chamædrys* spuria minor, *angustifolia* CB. pr. 117. 5.
144 *Melampyrum* luteum angustifolium, B. pr. 112.
145 *Alcea* vulg. minor, CB. 316. 2.
146 Sedum *Alpinum* hirsutum luteum, CB. 284. xi.
147 *Polygonatum* angustifol. non ramosum, CB. 303. 8.
148 Papaver *Erraticum* minus, CB. 171. 13. pr. 28. 2.
149 *Cynosorchis* militaris *mont.* spica rubente conglomerata, T.
150 *Cynosorchis* milit. *prat.* elatior *fl.* variegatis, B. pr. 28. 3.
151 *Orchis* palmata *prat.* angustifol. major, B. pr. 60. 6. Fig.
152 *Orchis* palmata *angustifolia* minor, CB. 85. 6.
153 *Orchis* palmata *angustif.* minor odoratissima, B pr. 30. 7. Fig.
154 *Orchis* palmata *mont.* maxima, B. pr. 30. 9. Fig.
155 *Orchis* arbortiva *fusca*, CB. 86. 1.
156 *Gramen* arvense *paniculâ crispâ*, B. pr. 6. Fig. R. 1270. 9.
157 *Gram.* murorum *rad.* repente, B. pr. 2. 5.
158 *Gr* spica *cristata* subhirsutum, B. pr. 8. 19.
159 *Gr.* pratense *spicâ* flavescente, CB. 3. 3.
160 *Gr.* fol. *junceis* brevibus maj. rad. nigrâ, B. pr. 34. xi.
161 *Gr.* nemorosum. *paniculis* albis, capillaceo folio, B. pr. 14. 45.
162 *Festuca* pratensis lanuginosa, B. pr. 19. 68.
163 *Festuca* dumetorum angustiss. & pilosis foliis, B. pr. 19. 70.
164 Gr. *hirsutum*, angustifol. majus, B. pr. 16. 47. Fig.
165 Gr, *Caryophyl.* foliis, *spicâ* divulsâ, CB. 3. 6.
166 Gr. *Caryoph. latum* mont. *spicâ* variâ, B. pr. 9. 23. Fig.
167 Gr. *Caryophylatum* nemorosum. *spica* multiplici, B. pr. 9. 22.
168 *Gr.* nemorosum, *spicis* parvis asperis, CB. 7. 4.
169 Filix *fontana* minor, CB. 358. 2.
170 Filix *ramosa* minor, *pinnulis* dentatis, CB. 358. 4.

BASILIÆ Plantarum *Catalogus*, quarum *Exemplaria* sicca vel *Semina* recentia, valde grata erant, pari Commutatione *Fac. Petiver.*

171 *Acetosa* arvens. mm. non lanceolata, 33. CB. 114. 15.
172 *Atriplex* sylvestris altera, 34. CB. 119. 2.
173 Blitum *album* minus, 34. CB. 118. 2. Ray 200. 4.
174 Blitum *rubrum* minus, 34. CB. 118. 5. R. 200. 2.
175 *Camphorata* glabra, 113. CB. 486. 2. R. 211.
176 *Lapathum* mm. seu minimum, 33. CB. 115. 5.
177 Lapathum *aquaticum* minus, 33. CB. 116.
178 *Persicaria* angustifol. 29. B. pr. 43. R. 183.
179 Plantago *angustifol.* minor, 56. CB. 189. 6. R. 878.
180 *Plantago* trinervia *angustissimo* folio, *B.* pr. 98. 3.
181 Chondrilla *juncea* viscosa arvensis, 39. CB. 130. 1. R 223. 9.
182 *Cichoreum* mont. angustifol. hirsutie asperum, CB. 126. 3.
183 Hieracium *Dent. Leonis* folio, monoclonon, 37. CB. 127. 8.
184 Id. *culmis* è rad. pluribus, *Cat.* 37. var.
185 *Hieracium* montanum *Rapifolium*, 38. pr. 64. 14. R. 237. xi.
186 Hieracium *mont.* hirsutum ramos. parvis flor. CB. 128. 9.
187 Hieracium *mont.* latifol. glabrum majus, CB. R. 233. 13.
188 *Hieracium* muror. *angust.* non laciniatum, B. pr. 67. 22. Fig.
189 *Hieracium* profundè sinuatum, pubescens, B. pr. 67. 23.
190 *Hieracium* prat. *latifol.* non sinuatum majus, CB. 129. 2.
191 *Id.* minus, 39. CB. 129. 3. *Pratis* palustribus *Michelfeld.*
192 *Lactuca* mont. *purpuro-cerulea* major, *CB.* 123. 3. R. 223. 8.
193 *Senecio* minor, *latiore* folio s. montana, *CB.* 131. 2.
194 *Soncho* affinis, *Lampsana* sylvatica, 36. *CB.* 125. 2.
195 *Aster* mont. *luteus*, fol. *Salicis* glabro, *CB.* 266. 6. R. 266. 1.
196 *Cacalia* fol. crassis & hirsutis, 58. *CB.* 198. 2. R. 299. 1.
197 *Conyza* palust. *serratifolia*, 79. *CB.* 266. 4. Ger. 347. f.
198 *Gnaphalium* vulg. majus, 78. *CB.* 263 3. R. 295. 4.
199 *Gnaphalium* medium, *CB.* 263. 4. qr? R. 295. 5.
200 *Gnaphalium* minus repens, *CB.* 263. 6. qr? R. 296. 6.
201 *Virga aurea* angustifolia, 79. *CB.* 268. 4.
202 Virga aurea *latifol.* serrata, 79. *CB.* 268. 2. R. 297. 6.
203 *Bellis* sylv. *media*, caule carens, 77. *CB.* 261. 6. R. 349. 1.
204 *Tanacetum* minus *album*, odore *Camphoræ*, *CB.* 132. 3. R. 346. 3.
205 *Tanacetum* mont. *inodorum*, minore flore, 40. *CB.* 132. 1, R. 352. 12.
206 Carduus *lanceatus* angustifolius, 104. *B.* pr. 155. 4.
207 Carduus *pratensis* latifolius, 102. *CB.* 376. 1. R. 305. 1.
208 *Carduus* prat. *Asphod.* rad. fol. profundè & tenuiter laciniatis, *CB.* 377. 4. Ger. 589. 6.
209 *Carduus* prat. *polycephalus*, 102. *B.* pr. 156. 5. R. 305. 5.
210 *Carduus* spinosissimus *angustifol.* vulg. *CB.* 385. 3.
211 *Carduus* spinosiss. *latifol.* sphærocephalus, 102. pr. 385. 1.
212 Carlina *acaulos*, magno *flore* 103. *CB.* 380. R. 288. 1.
213 *Carlina* caulescens *magno* flore CB. 380. 2.
214 *Cirsium* angustifolium, 102. B. pr. 155. 2.
215 *Cirsium* singularibus capit. *CB* 377. 6. Dod 737. f. R. 307 2.
216 *Cirsium* singul. capit. alterum, 102. *Monte* Wallerfall.
217 Jacea *nigra* angustifol. 81. B. pr. 126. 1. R. 326. 13.
218 *Scabiosa* capit. *globoso* major, &c. CB. 270. 2.
219 *Scabiosa* mont. *latif.* non laciniata *rubra*, CB. 270. 4. R. 379.
220 *Succisa* hirsuta, &c CB. 269. 2. R. 380. 21. var.
221 *Stœbe* major, *calyculis* non splendentibus, 81. CB. 273 3.
222 *Bupleurum* angustifol. 81. CB. 278. 2.
223 *Angelica* aquatica, 47. CB. 156. 6 R. 434. 3.
224 *Apium* mont. fol. tenuibus divisis, *Cat.* 46. var.
225 *Canuifolia*, 47. CB. 158. 3. *Ray* 415. 4.
226 Cicutaria *latifol.* fœtida, 48. CB. 161. 3. R. 451. 5.
227 Daucus *Alpin.* multifido longoque folio, 45. *CB.* 150. 2.
228 Daucus mont *Apii* fol. *major*, *CB.* 150. 5. Ger. 858. f. 3.
229 *Daucus* mont. *Apii* fol. *minor*, *CB.* 150 6 qr? R. 463. 5.
230 *Daucus* pratensis *Apii* folio, *B.* pr. 77. 2. R. 449. 7.
231 *Millefol.um* aq. *umbell.* capillaceo brev.que folio, *CB.* 141. 2. R. 459. 5. Dod 535. f. 1.
232 *Seseli* mont. *Cicutæ* fol. subhirsutum, 49. *B.* pr. 85. 1. R. 452. 7.
233 *Seseli* prat. *tenuifolium*, 49. *B.* pr. 85. 2. R. 453. 3.
234 *Sphondylium* Alpinum *glabrum*, 47. *B* pr. 83. 3. Fig. R. 409. 4.
235 *Mollugo* mont. *latifol.* ramos., 95. *CB.* 334. 1. R. 481. 2.
236 *Pulmonaria* angust. fl. cærul. rubente, 77. *CB.* 260. 2. R. 485. 3.
237 *Brunella* folio *laciniato*, 77. *CB.* 261. 2. R. 551. 2.
238 Brunella min. alb. laciniata, *CB.* 260. 1. R. 552. 5.
239 *Hedera terrestris* montana, 88. *CB.* 306. 2 R. 567. 2.
240 *Lamium* alba linea notatum, T. *Milzatelii*, 66. *CB.* 231. 5. R. 560. 4.
241 *Pseudostachys* Alpina, 68. *CB.* 236. 2. R. 555. 5.
242 Pseudostachys *Alpina* inodora, 68 *B.* pr. 113. 2.
243 *Serpyllum* angustifol. hirsut. 63. *CB.* 220. 8. R. 522. 10.
244 *Sideritis* vulg. hirsuta, 66. *CB.* 233. 4. R. 563. 4.
245 Urtica *fatua* fol. non serratis, 66. *CB.* 232. 3. *Lob.* Ic. 527.
246 Scrophularia *Ruta canina* dicta *vulg.* 68 *CB.* 236. 8. R. 566. 9.
247 Aconitum *Lycoct.* albis pallidisve *floribus*, 54. *CB.* 183. 3.
248 *Millefolium* aq. *cornutum* majus, 43. *B.* pr 73. 5. Fig. R. 191. 2.
249 *Millefolium* aq. *cornutum* minus, *CB.* 516. *descr.*
250 *Pulsatilla* fol. tenuius incis. *fl.* minore, *B.* pr. 94 1.
251 *Quinquefolium* minus *repens* luteum, 92. *CB.* 325. 3.
252 *Quinquefolium* mont. *erect.* hirsut. luteum, *B.* pr. 139. 3. *R.* 613. xi.
253 *Ranunculus* nemorosus *luteus*, *CB.* 178. 1. *Fusch.* 152 *f.*
254 Ranunculus *palustris* serratus, 54. *CB.* 180. 2. *R.* 587. 7.
255 *Sedum* Alpin. *Gramin.* fol. lacteo flore, 83. *CB.* 284. 4.
256 *Sedum* arvense *fl.* rubente, *CB.* 283. 7. B. pr. 132. 9.
257 *Bryonia* lævis, f. *nigra* baccifera, 86. pr. 135. *R*, 661. 3.
258 *Polygonatum* latif. minus, *fl.* majore, 87. *B.* pr. 129. *R.* 665.
259 *Brassica* sylv. *ramosa* glabra, 33 CB. 112. 7. R. 799. 5.
260 *Bursa Pastoris* media, 31. *CB.* 108. 3.
261 *Dentaria* heptaphyllos, 91, CB. 322. 1. *Ray* 785, 3.
262 *Dentaria* pentaphyllos, *CB.* 322. 2. R. 784 2.
293 Eruca *cærulea* in arenosis crescens, 28. *B* pr. 45. Fig. R. 793. 4
264 *Myagrum* fœtidum, 42. *B.* pr. 51. 1. R. 820. 3.
265 *Nasturtium* aq. erect. *fol.* longiore, 30. *CB.* 104. 3.
266 *Nasturtium* prat. *fol.* ret. fl. majore, 29. *CB.* 104. 4.
267 *Rapistrum* monospermon, 27. B. pr. 37. 2. Fig.
268 Thlaspi *Alpin.* majus, *capit.* rotundis, *CB.* 106. 6. R. 822. 6.
269 Thlaspi *Alpin.* minus, *cap.* rotundo, 31. *B.* pr. 48. 6. Fig R. 821. 5.
270 *Thlaspi* mont. incan. lut. *Serpylli*, fol. majus, *CB.* 107. 12.
271 *Campanula* Alpin. *Linifolia* cerulea, *B.* pr. 34. 4. R. 740. 16.
272 *Rapunculus* nemor. *angustif.* magno *fl.* major, *CB.* 93. xi.
273 *Rapunculus* nem. *angustif.* parvo *flore*, 26. *CB.* 93. 13.
274 Rapunculus *spicatus* albus, 25. *CB.* 92 3. *R.* 743. 1.
275 *Gentiana* autumnalis *ramosa*, 55. *CB.* 188. 2. *R.* 720. 8.
276 *Gentiana* autumnal. *angustifolia*, 56. *CB.* 186. 6.
277 *Gentiana* cruciata, 55. *CB.* 188. 1. *R.* 717. 5.
278 *Gentiana* major *lutea*, 55. *CB.* 187. 1. *R.* 716. 1.
279 *Linum* sylv. *angustifol.* fl. minore, 62. *CB.* 214. 3. *R.* 1073. 9.
280 *Millefolium*, aq. *Equisetifolium* caule nudo, *CB.* 141. 5.
281 *Alsine* major, 73. CB. 259. 10.
282 *Alsine* minor *Serpilifolia*. 74. B. pr. 118. 1.
* 282 *Alsine* major, 73. *CB*, 259. 10.

283

293 Caryophyllus, *sylv.* vulg. 60. *CB.* 209. 1. *R.* 990. 1.
294 *Caryophyllus* ti tenuissimè dissecto, 61. *CB.* 209. 1.
295 *Caryophyllus* arvens. *hirsut.* fl. *majore*, *CB.* 210. 1. & 477. f. xi.
296 *Caryophyllus* arv *umbellatus*, fol. *glabro*, CB. 210. 4 *R.* 1028. 8.
297 *Caryophyllus* sylv. *fl.* minimo, 61. CB. 211. 5. *R.* 1033. 13.
298 Geranium *Cicutæ* fol. maj. inodorum 90 CB.
299 *Geranium* fol. rot. minus, profundè laciniato, *Cat* 90.
300 *Verbascum* fœm. fl. luteo magno, 69. CB. 237. 3. *R.* 1094. 2.
301 *Nigella* arvensis *cornuta*, 44. CB. 145. 1. *R.* 1070. 3.
302 *Lotus* pentaphyllos *corniculata*. 94. CB. 332. 1. *R.* 967. 5.
303 *Lotus* pentaphyllos *fruticosus*, 94. CB. 330. 3. *R* 968. 7.
304 *Trifolium* mont. *purpureum*, 93. CB. 328. 1. *R.* 944 6.
305 Trifolium *capit.* spumoso aspero *majus*, 93. B. pr. 140. 8.
306 *Trifolium* capit. *spumoso* aspero *minus*, B. pr. 140 8. *R.* 947. 22.
307 *Lathyrus* major *sylv.* alter. 96. CB. 344. 4.
308 *Lathyrus* sylv. *minor*, 96. CB 344 5. *Dod.* 529. f. 1.
309 *Orobus* sylvat. *purp.* vernus, 97. CB. 351. 2. *Dod* 542 f. 2.
300 *Securidica* dumet. maj. *fl.* vario, fil. articulatis, CB. 349. 4.
301 *Securidica* dumet. min. pallidè cerulea, 97. CB. 349. 5.
302 *Vicia* sepium *fol.* rotundiore acuto, CB. 345. 4. *Dod.* 531. f. 1.
303 *Vicia* sylv *spicata*, 97. CB. 345. 8. *R.* 903. 19.
304 *Vicia* vulg. *acutiore* folio, 96. CB. 345. 5. *Matth.* 416. f. 2.
305 *Fumaria* bulbosa *rad.* cava *major*, 44. CB. 143. 1. *R.* 975 4.
306 *Fumaria* bulbosa *rad.* non cava *major*, CB. 144. 2. *R.* 975 5.
307 *Fumaria* bulb. *rad.* non cava *minor*, CB. 143. 3. *Dod.* 347. f. 2.
308 Allium *sphæriceo* capite, *fol.* latiore, 21. CB. 74. 6.
309 Allium *sylv.* latif. *capitat.* purpurascens, 21. CB. 74. 10.
310 Allium *sylv.* latif *capitat.* purp. *majus*, 21. CB. 74. xi.
311 *Allium* sylv. *capitat.* purp. *minus*, 21. CB. 74. 12. *R.* 1119 2.
312 *Allium* mont. *bicorne*, angustifol. *fl.* purp. 21. CB. 74. 22. *R.* 1119. 2.
313 *Pseudo-Asphodelus* Alpinus, 18. CB. 29. 10. *R.* 1194. 1.
314 *Iris* vulg. *German.* s. sylvestris, 19. CB. 30. 1. *R.* 1180. 1.
315 *Iris* prat. *angustif.* humilior. 19. CB. 32. 3. *Dod.* 246. f.
316 Cynosorchis *latifol.* hiante *cucullo* major, 21. CB. 80. 1.
317 Cynosorchis *angustifol.* hiante *cucullo*, 22. B. pr. 28. 1. *R.* 1216. 16.
318 Cynosorchis *militaris* major, 22. CB. 1. 1. *R.* 1213. 13.
319 Cynosorchis *militaris* minor, 22. CB. 81. 3. *Ger.* 165. f. 12.
320 Orchis *fol.* sessilibus *non* maculatis, 22. CB. 82. 3.
321 *Orchis* odore *Hirci* long. angustioreque *fol.* 23. CB. 82. 2.
322 *Triorchis* lutea *fol.* glabro, 23. CB. 84. 3. *R.* 1217. 24.
323 Triorchis *lutea* altera, 23. CB. 84. 4. Ger. 167. f. 1.
324 *Pseudorchis*, 24. CB. 84. 8. *R.* 1226. 1. *Cam.* H. 111. f. 35.
325 *Orchis* palmata *mont.* maxima, 24. *B.* pr. 30. 9 Fig. *R.* 1224 4.
326 Orchis *abortiva* fusca 24. CB. 86. 1. *Dod.* 553 f. 2.
327 *Ophris* trifolia, 25. CB. 87. 2. *Ger.* 326. f. 2.
328 Ophris *trifolia*, minor *Cat*, 25.
329 Helleborine *angustif.* palustr. f. prat. 55. CB. 187. 3. *R.* 1230. 2.
330 Helleborine *fl.* alb. 55. CB. 187. 5. *R.* 1231 6.
331 *Helleborine* mont *angustif.* purpurascens, 55. CB. 187. 7.
332 Nymphæa *alba* minor, 57. CB. 193. 2. *G.* 663. f. 3.
333 Thalictrum *prat.* angustissimo *folio*, 95. *B.* pr. 146. Fig. *R.* 404. 9.
334 Tithymalus *sylv.* lunato *flore*, 84. CB. 290. 7. *R.* 871. 41.
335 Tithymalus *Linariæ* fol. 84. CB. 299. 2. *R.* 866. 15.
336 *Tithymalus* Cyparissias, 85. CB. 291. 2. *R.* 867. 19.
337 *Tithymalus* Cypar. *fol* punctis croceis notatis, CB. 291 1.
338 Tithymalus *palustris* fruticosus, 85. CB 292. 2. *R.* 864. 8.
339 Tithymalus *mont.* non acris, 85. CB. 292. 3. *R.* 870. 34.
340 Valeriana *sylv.* maj. *montana*, 50. CB. 164. 5.
341 Valeriana *palust.* med parum laciniata, 50. *B.* pr. 86. 2.
342 Valeriana *Alpina* prima, 50. *B.* pr. 86. 3. *R.* 390. 9.
343 *Valeriana* Alp. *Scrophulariæ*, folio 50. *B.* pr. 87. 4. *R.* 390. 10.
344 Gramen Caninum vineale, 3. *B.* pr. 1. 1.
345 Gr. Canin. supinum minus, 3. CB. 1. 7. *R.* 1256. 9.
346 Gr. Tremulum minus, paniculâ parvâ, 4 *B.* pr. 4. 9.
347 Gr. prat. panicula & glumis longioribus, *Cat.* 4.
348 Gr. mont. panic. spadicea delicatiore majus, 5. *B.* pr. 6. 12.
349 Id. minus, *Cat.* 5. *B.* pr. 6. 12. *Monte* Wasserfall.
350 Gr. palust. paniculatum altissimum, 5. CB. 3. 1.
351 Gr. palustre paniculatum minus, 5. *B.* pr. 7. 16.
352 Gr. palustre paniculatum altius, *Cat.* 5.
353 Gr. spicatum angust. montanum, 6. *B.* pr. 8. 20.
354 Gr. sylvat. angustifol. spicâ albâ, 6. *B.* pr. 8 21.
355 Gr. spicatum, fol. & spicis hirsut. mollibus, 6. *B.* pr. 9. 24.
356 Gr. *Cristatum*, spica elegantiore & densiore, 5. *B.* pr. 8. 18. var.
357 Gr. Typhoides max. spicâ longissimâ, 6. *B.* pr. 10. 25. Fig.
358 Gr. Typhoides molle, 7. CB. 4. 2. *Ger.* 9. f. 2.
359 Gr. Typhoides asperum primum, 7. CB. 4. 3. *G.* 10. f. 1.
360 Gr. Typhoides asperum alterum, 7. CB. 4. 4. *G.* 10. f. 2.
361 Gr. Typhoides, spica angustiore & longiore, 7. CB. 4. 5.
362 Gr. Typhoides, culmo reclinato 7. CB. 4. 6. *G.* 9. f. 3.
363 Gr. Typhoides, spica multiplici, 7. CB. 4. 7. *R.* 1298. 13.
364 Gr. Sparteum Basil. capillaceo folio 7. *B.* pr. xi. 29.
365 Gr. Junceum polystachion, 8. CB. 5. 7. *R.* 1309. 16.
366 Gr. Junceum fol. & spica Junci minus, 8. CB. 6. xi.
367 Gr. Arundinaceum spicâ multiplici tenuiore, *Cat.* 10.
368 Gr. Arundin. enode minus sylvaticum. 10. CB. 7. 7.
369 Gr. mont. panic. Miliaceâ sparsâ, 12. *B.* pr. 17. 50.
370 Gr. Sorghi paniculâ erectum, 12. CB. 8. 1. *R.* 1283. 1.
371 Gr. latif. spica Triticea compactâ, 12. *B.* pr. 18. 53. Fig.
372 Id. *folio* angustiore, *Cat.* 12.
373 Gr. angustif spica Triticea compacta, 12. *B.* pr. 18. 56. Fig.
374 Gr. spica Brizæ majus, 12. *B.* pr. 18. 58. Fig. *R.* 1257. 1.
375 Gr. Hordeaceum mont. s. majus, 12. CB. 9. 1.
376 Gr. Loliac. latif spica angust. 13. *B.* pr. 19. 60. *R.* 1263. 2.
377 Idem fol. longioribus, *Cat.* 13.
378 Festuca Graminea, glumis vacuis, 13. *B* pr. 19. 64. *R.* 1290 9.
379 Festuca dumetorum, 13. *B.* pr. 19. 59. *R.* 1262. 2.
380 Gr. nemoros. spicâ rufescente molli. 10. CB. 7. 3.
381 Gr. hirsut. latifol. minus, junceâ paniculâ, *Cat.* 10.
382 Id. majus, *Cat.* 10.
383 Cyperoides angust. spica spad. viride minus, *B.* pr. 19. 41.
384 Cyperoides angust. spicis longis erectis, 9. CB. 6. 4.
385 Cyperus longus inodorus sylvaticus, 15. *B.* pr. 24.
386 Juncus acumine reflexo major, 14. CB. 12. 1. *R.* 1304. xi.
387 *Secale* luxurians, 17. CB. 23. 4.
388 *Secale* vernum, *vel* minus, 17. CB. 23. 3.
389 *Zea* Amylea, *vel* Zeopyrum *Amylæum*, 17. CB. 22. 3.
390 Zea *Briza* dicta, *vel* monococcos *Germanica*, CB. 21. 1.
391 *Zea* dicoccos, *vel* major, 17. CB. 22. 2. *Ger.* 62. f.
392 *Equisetum* palustre *Lixariæ scopariæ* fol. *B.* pr. 24. 1.
393 Equisetum *palustre* minus polystachion, 15. *B.* pr. 24. 2.
394 Equisetum *paiust.* tenuiss. & longiss. satis, *B.* pr. 24 3.
395 Equisetum *nudum* minus *variegat.* Basiliense, *B.* pr. 24. 4.
396 Filix *aculeata* major, 99. CB. 358. 1. pr. 151. 2.
397 Filix *aculeata* minor, CB. 358. 2. pr. 151. 3.
398 Filix *fontana* major, s. *Adianth.* alb. *Filicis* folio, CB. 258. 1.
399 *Filix* non ramosa *pinnul.* tenuiss. & tenuissimè dentatis, CB. 358. 4.
* 399 *Filix* Querna 99. *CB* 358. 5. Tab. Ic. 793. 2. *Ger.* 980. f. 1.
400 *Muscus* vulgatissimus, 100 CB. 360. 1. *Dod.* 472. f. 1.
401 *Muscus* vulg. *pennatus* major, 100. *B.* pr. 151. 1.
402 *Muscus* vulg. *pennatus* minor, 100. *B.* pr. 151. 1. var.
403 *Muscus* ramosus *repens*, spicatus, 100. B. pr. 151. 4.
404 *Muscus* ramos. *repens*, apicibus candicantibus, B. pr. 151. 4. var.
405 Muscus *ramosus* major, 100. B. pr. 155. 5. R. 123. 2.
406 Muscus *ramos.* maj. elegantior & viridior, 100. B. pr. 151. 5. var.
407 *Muscus* ramos *erect.* minor, 100. B. pr. 151. 6. R. 123. 3.
408 *Muscus* saxatilis *Ericoides*, 100. B. pr. 151. 7. R. 123. 4.
409 Muscus polytrichoides, 1. fol capil. rigid. B. pr. 152. 10.
410 Id. alter minor, B. pr. 152. 10. var.
411 Id. 3. minimus & mollis, B. pr. 152. 10. var.
412 *Muscus* parvus *stellaris*, 100. CB. 361. 13.
413 *Muscus* terrestris *Coralloides* incanus, 101. B. pr. 152. xi.
414 *Muscus* terrest. *Coralloides* erectus *cornib.* rubescentibus, B. pr. 152. 11.
415 *Muscus* aquaticus, *folio* expanso, 101. B. pr. 152. 14.
416 *Pinus* sylvestris, 113. CB. 491. 2. R. 1399. 3.
417 *Pinaster* tenuifolius, julo purpurascente, CB. 492. 10.
418 *Salix* vulgaris rubens 111. CB. 473. 3. R. 1421. 8.
419 *Salix* sativa *lutea*, fol crenato, 111. CB. 473. 4. *R.* 1421. 7.
420 *Salix* fol. *amygdalino*, utrinque virente aurito, CB. 473. 5.
421 *Salix* fragilis, 111. CB. 474. 9 Park. 1431. 4.
422 *Salix* humilis, *capitulo* squamoso, 111. CB. 474. xi.
423 *Salix* oblongo incano *folio* 111. B. pr. 159. 2. *R.* 1423. 2.
424 *Salix* humilis *latifolia* erecta 111. B. pr. 159. 4. *R.* 1423. 5.
425 *Buxus* foliis rotundioribus 111. CB. 471. 2. *R.* 1694. 2.
426 *Alnus* folio incano, 107. CB. 428. 3. *R.* 1410. 2.
427 Alnus *nigra* polycarpos, 107. CB. 428. 3.
428 *Alni* effigie, lanato *folio* minor, 109. CB. 452. 2. *R.* 1461. c. 9.
429 *Tilia* montana, maximo folio 106 CB. 426. 2. *R.* 1695. 3.
430 *Ulmus* campestris, 106. CB. 426. 1. *Dod.* 837. f.
431 *Ulmus* montana. 106. CB. 426. 2. *Ger.* 197. f. 1.
432 Genista *spinosa* minor *Germanica*, 104. CB. 395. 3.
433 *Chamæ-genista* sagittalis, 105. CB. 395. 2. *R.* 1725. 5.
434 *Cerasso* affinis, 108. CB. 451. 15. *R.* 1549. c. 15.
435 *Rosa* sylvestris *Pomifera* major, 112. CB. 484. 15.
436 *Rosa* arvensis *candida*, 113. CB. 484. 17. qr? *R.* 1471. 14.
437 Sambucus *racemosa* rubra, 110. CB. 456. 3. *R.* 1610. 4.
438 Vitis *Idea*, fol. carnosis, 110. CB. 470. 6. *R.* 1489. 5.

Plantæ *Basiliæ* locis *Propriis*, viz.

Circa *Urbem* pratis, 134. 6. aridis * 217. 21. 83. humidis * 207. * 23. * 38. collibus * 276. Agris 286. * 7. 436. marginibus 210. 92. 336. * 7. Viis 143 79. 80. Sepibus 244, 5. 85. * 9. 93. 302. 3. 4. 6. Fimetis 226. 81. Ruderibus * 240. Mœniis 140.

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Muris 221. * 410. 1. Foſſis * 419. Alnetis 435. Dumetis 203. 11. 8. * 34. 300. 1. 5. Sylvis cæduis * 340. Frumentaceis 198. 9. 200. Segetibus 291. Graminibus 141. Montibus 430. *Binningben* * 417 *Birſæ* arenonis * 383 421 dumetis * 167. * 379 * 406. herbidis 316. paludoſis 384 ad pontem * 263. *Birſec* arcis colle * 322. *Beneben* agris uliginoſis * 361. *Brulingen* viis 143. St *Chriſtianæ* monte 438. *Cliben* * 377. dumet. 165 297. 312 74 Pratis * 193. *Crentzachi* monte 140 229 52. * 72 94. 9 301 * 13. 26. * 50. * 69. 74 * 81. 2. * 403 4 7 25 Saxoſis * 188. 258. 77. 348. Umbroſ. & humidis 190. 366. *Dornach* 270 *Fliehen* ad Balneum 434 *Hiltelingen* * 248. *Huningen* ſylvis 168. * 94 257 75. 7. 335. 426 ſylvis humidis * 354 agris 145 81. 256 67. *Lagenbruch* ſylvis * 196. *Landskron* 428. arce 327. montoſis 437. *Michelfeld* 350. 81. aquis * 231. 49. * 332. * 423. paludibus 197. * 364. * 86. * 92. * 3. 4. udis * 178. 352. 80. * 424. dumetis * 189. 274. *Salicetis* * 295 * 355 7. * 423. pratis 150. 1. 3. 60. 8. * 280. * 9. * 24. * 30. * 3. * 50. 4. * 333. 50. 81. * 93. 4 paludoſis pratis * 164. * 91. 220. 84. * 315. 29. 38. * 41. *Monchenſtein* 156. 306. 81. pratis * 190. muris 314. arenoſis ad pontem * 225. ſylvis mont. 330. *Muteto* monte * 144. 54. * 64. * 82. * 6. 92. 5. 201. 2. 5. 22. * 835. * 9. 61. 2. 99. 318. * 9. 319. 82. *427. * 9. 32. herbosſis 412. dumet. humidis * 247. * 367. ſylvis 274. pratis 152. * 275. pratis mont. 149. * 317. ſaxoſis 166. * 88. * 258. ad *Novum Domum* ſylvula 306. rivulis. * 415. *Otlingen* agror. ſemitis * 486. *Reichenſtein* monte 146. 428. *Rheni* ripis 181. 246. arenoſis * 422. ſaxoſis 309. dumetis 259. beh der *Baar* * 296. 321. 955. *Riehen* ſeget. * 389. 90. 1. dumetis 307. ſepibus * 167. Wieſæ ripis 156. 310. 1. ſaxis * 408. arenoſis 131. 204. 64. 90. 414. 22. 23. ad pontem * 238. pratis * 347. 420. agris 308. dumetis 347. 99. * 413. nemora ad pontem * 206. Alneto 253. * 82. 305. *Wilenſi* ſylva 368. 409. Viteis 266. uliginoſis * 401. 2. Waſſerfal monte 135. * 44. 7. * 85. 7. * 92. * 6. 212. * 3. * 4. * 5. * 6. * 27. * 32. * 34. * 41. 2. * 3. * 68. 9. 71. * 323. 4. * 43. * 9. 56. 68. * 75. * 96. 7. * 9. * ſaxoſis 331. * 42. N. B. *Hæ* * in duplo pergratæ erunt, *Jac. Petiver.*

COM. III. *Plants* gathered on *Mount Serato*, lately ſent me from Mr. *John Salvadore* at *Barcelona.*

439 *Hieracium* Pyrenaicum *Dent. Leonis* fol. latiſſimo *Schol. Bot.* 189. *Inſtit.* Rei Herbar. 472. *Ray* Vol. 3. p. 139. 14.

440 *Elychryſum* ſylveſtre anguſtifolium, *capitulis* conglobatis, CB. 264 9 *Phytopin.* 5. 4 8. *Lob.* Ic 486. 1. Ad. 203. f. Belg. 570. f. *Ray* H. Plant. 283. xi.

441 *Globularia* montana humillima repens *El. Bot.* 571. Inſtit. 467. *Scabioſa* X ſive repens, *Cluſ.* v. 1. 4. f. Pan. 540 f. R. 381. 27.

442 Jacea *nigra* anguſtifolia, vel *Lithoſpermi* arvenſis foliis, *caule* aſpero, CB. 271. 2. *Prodr.* 127. 1. varietas R 326. 13 var.

443 *Laſerpitium* anguſtiſſimo & oblongo *folio*, El. B. 274. *Inſt.* 324. Laſerpitio *Lobel.* ſimilis, *anguſtifol.* I. B. Vol. 3. l. 27. p. 237. f. 2. *Chabr.* 399. Ic. 5.

444 *Gallium* ſaxat. *minim.* ſupinum & pumilum, E. B. 94. *Inſt.* 115.

445 *Polium* mont. luteum, CB. 220. 2. *Phyt.* 417. 2. Tab. *Ic.* 364. Hiſt. 2. 80. f. 1. *Polium* luteum, *Lob.* Ic. 487. 1. Ad. 207. Belg. 572. f. R. 525. 8.

446 *Euphraſia* pumila *ſaxatilis*, oblongo, anguſto, ſerrato & villoſo folio, *fl.* purpuraſcente *Salvadore.*

447 Ranunculus *Gramineo* folio, *bulboſus*, CB. 181. 7. pt. 327. 30. Ray 588. 2

448 *Veronica* Hiſpanica *fol.* tenuiſſimè laciniatis, fl. ceruleo *Salv.*

449 *Convolvulus* argenteus *umbellatus* ſupinus, EB. 73. *Inſt.* 84. *Campanula* Lychnidea, I. B. 2. l. 20. p. 803. f. opt. *Chabr.* 264. f. 3. Ray 735. 25.

450 Aphyllanthes *Monſpelienſium*, Adv. 190. f. *Lob.* Ic. 454. 2. B. 538. f. *Caryophyllus* cerul. *Monſpel.* CB. 209. 8. pt. 392. 13. R. 590. 12.

451 *Helianthemum* fol. *Roriſmar.* ſplendent. ſubtus incanis, EB. 216. *Ledon* 8. Cluſ. 80. f. 2. Hiſp. 165. f. Ray 1010. pl. 10.

452 *Helianthemum* fol. *Roriſmarini* utrinque incano *Salvad.*

453 *Geranium* Pyrenaicum, *fol.* cineraceis, *rad.* craſsâ, magno *flore* variegato, *El. Bot.* 233. Ray *Vol.* 3. p. 515. 46.

454 *Coronilla* minima, EB. 510. *Inſt.* 650. Ray 925. 1. *Lotus* enneaphyllos *Dalech.* Lugd. 510. f. CB. 349. 4.

COM. IV. *Plantæ* Ilvenſes. *Plants* ſent me from the Reverend *Bruno Tozzi*, which he gathered in the Iſland *Elba* or *Ilva*, lying in the *Tyrrhene Sea*, againſt *Tuſcany.*

455 Clinopodium *Creticum* Alp. *Exot.* 264. f. Ray 554. 4. Calamintha *Cret.* anguſto oblongo *folio*, Inſt. 194.

456 Linaria *Ilvenſis* ſaxat. fl. pallido *rictu* purpureo *Tozzi.*

457 Viola *Ilvenſis* montana, *fl.* albo.

458 Viola *Ilvenſis* mont. *fl.* ceruleo.

459 Viola *Ilvenſis* mont. *fl.* luteo.

460 Tithymalus *Ilvenſis* fruticoſus *perennis.*

461 *Hemionitis* altera *Dalech.* Lugd. 1218. f. 2.

462 Polypodium *Ilvenſe* Lugd. 1230. f. 2. *Chabr.* 558. 4. *R.* 137. 3. *Filicula* ramoſa *Luſit.* pinnulis ad *Ceterach* accedentibus *El. Bot.* 432. Inſtit. 542. *Muſ.* noſtr. 212. *Ray* Vol. 3. p. 84. & 94. 6.

463 Erinacea *Ilvenſis* fl. *luteo* Tozzi. qr? Pl. *Etrur.* Cat. 21.

Plantæ *Ilvenſes* deſideratæ *Jac. Petiver*,

464 Geniſta *Ilvenſis*, Lugd. 174. f.

Vide aliæ *deſideratæ* in *Etruriæ* Plant. *rarior.* Catalog. viz. N°. 21. 31. 54. 116. 21. 82. 284. 529, &c.

COM. V. *Egyptian Plants* ſent me from *Peter Anthony Michael* Botaniſt *to his* Highneſs *the* Grand Duke *of* Tuſcany.

465 Parietaria *Ægyptiaca* fol. ſubrotundo ſerrato, ſuperne glauco ſcabro, infernè incano & tomentoſo *Mich.* qr? Gaz. Nat. Tab. 7. fig. 2.

466 Filago *Ægypt.* pumila ſpicata, *Mich.*

467 *Cotonaria* Ægypt. *Chamædryos* folio tomentoſo *Nob.* Planta *Ægypt.* incana & tomentoſa, *Uvæ criſpæ* folio, *fructu* peltato *Mich.*

468 Jacea *Ægypt.* ſpinoſa *Mich.*

469 Polium *Ægypt.* toment. erectum, *fol.* vermiculatis *Mich.*

470 *Serpylli* facie, *planta* Ægyptiaca *Mich.*

471 *Melilotus* Ægypt. *ſiliquis* ſecundum caulículorum longitudinem ex foliorum alis exeuntibus *Mich.*

Lotus Ægypt. *fol.* eleganter crenato D. *Lippi* à D. Stoſchio.

472 *Hypericum* Ægypt. *gummifer* elegantiſſim. *fol.* ſubrotundo bullato *Mich.* Myrto-ciſſus *ſpecies* Pennei, *Cluſ.* 68.

473 Tribulus terreſtris Ægyptiacus.

474 Tithymalus *Ægypt.* exiguus, *fol.* ſuperioribus crenatis *Mich.*

475 Kali *Ægypt.* villoſum, *calyce* ſtellato aculeato D. Vaillant. N. B. *Vide* plura in *Iconibus* noſtris *Plantar. Ægyptiacarum.*

COM. VI. The following *Curioſities* were preſented me by my hearty Friend Mr. *John Burnet*, Surgeon to the *Engliſh Factory* at *Porto Bell.*

476 An *Abortive Negro* near full grown.

477 *Piſcis* triangularis *Amer.* fronte ventreque bicornutis. The *male Cunnie fiſh* from the *Weſt Indies.* Its *Noſe* and *Back* Cloud-ſtreakt with *Black*, ſomewhat *like Tortoiſeſhell.*

478 *Piſcis* triangularis *Amer.* minor, *ſtellis* albis. This is ſaid to be the *Female* to the Laſt. *Its* Belly wholly compos'd of ſmall *Diamond Angles.*

479 *Buccinum* rubeſcens, *ventre* faſciato St. *Thomæ.*

480 *Tamarindus* monoſpermos, *fr.* parvo ſericeo St. *Thomæ.* The *Inhabitants* eat the *ſower Pulp* of this, to quench *Thirſt* in *Fevers.*

481 Colocynthis *Guineenſis* Pomiformis, *ſem.* parvis.

482 *Taggee* Guin. *radix* forte *Traſi* generis *Gazoph.* Nat. *Tab.* 17. fig. 10. A ſort of *Earth Nuts* which the *Negroes* eat plentifully of. I ſhould be glad to ſee its *Leaves* and *Seed.*

483 An *Oſtrich Egg* from *Buen Ayres.*

484 *Radix* Gentianæ *facie à* Buen Ayres. *A ſpecific* Emetic in *all* Impoſthumes.

485 *Radix* Tinctoria, *Rubiæ* fortè *ſpecies.* (*Raiz roug* Hiſpanis) With this *Root* they dye a deep *Red* and probably may be an *Ingredient* in the following.

486 Glaſtrum *rubrum è* Buen Ayres. *A* Compoſition *like* Storax *but* red; with this they dye a very fine bright *Scarlet*, as may be ſeen by ſome *Wool*, this *Curious Gentleman* hath lately brought from thence to the *Directors* of the *South Sea* Company, from whom we may now expect greater *Diſcoveries.*

COM. VII. Miſcellany *Communications*, from divers Hands.

487 Corallium *Balearicum* globoſum, *tubulis* brevibus ſtellatis. *Broke* from a *Rock* in *Port Mahon Harbour*, by our *Curious Friend* Mr. James Campbell, *Surgeon* to that *Port*, &c.

488 Cambodia *Birds-neſts*, Hiſt. of Drugs, 21. p. 265. Nidus *gelatinus* Cambodienſis *Nobis*, Dale *Suppl.* 21. p. 265. Bont. 66. fig. *Pomet.* pt. 2. *l.* 1. *c.* 21. *p.* 72. Ray *Ornith.* 7. *f.* 151. id. *Angl.* 7. *p.* 215. Syn. *Avium.* 6. *p.* 72. *Two* of theſe intire *Neſts* moſtly cover'd with *Feathers*, were generouſly preſented me by Mr. *John Courtney* Surgeon.

489 Braſilian *Frog-fiſh.* Rana *Piſcatrix* minor *Grew* Muſ. Reg. Soc. 103. *deſc.* Water Batt, *Wafer* xi. p. 196. *Guacucuia Braſil.* Marcgr. 143. fig. Ray *Icth.* 89. Tab. E. 2. f. 3. This ſtrange Fiſh Dr. *Crawford* ſent me from *Jamaica.*

490 *Stella* marina *Indica* reticulata *Lobel* in Pharmacop. *Rond.* 139, fig. *opt* & *deſcr.* This elegant *Sea Star.* Mr. John Douglaſs *Surgeon*, ſent me from *Antegoa.*

LONDON, Printed for *James Petiver*, in *Alderſgate-ſtreet.* M DCC XVI.

PETIVERIANA III, seu NATURÆ COLLECTANEA:

Domi Forisque *Auctori* Communicata.

A JACOBO PETIVER, *Regiæ Societatis Socio*, &c. LONDINI.

COMMUNIC. I. PLANTÆ *Baleares*. Plants *found* in the Illands *Majorca* and *Minorca*, by the Curious Mr. *John Salvadore*, Apothecary at *Barcelona*, and Mr. *George Bouchere*, Surgeon at *Port Mahone*.

1 *Plantago* fol. lato *Coronopi* Nobis. *Bouchere.*
2 *Plantago* minima anguſtifol. villoſa. *Salvadore.*
3 Perexil Balear. *fol.* minore *Betæ*. *Bouch.*
4 *Urtica* Balear. *Pilulifera*, fol. altè inciſis. *Bouch.*
5 Chrondrilla *Bal.* ſpinoſa, *Cichor.* fol. *fl.* luteo. *Salvad.*
qi? *Sonchus* frut. petræus *African.* ſpinoſus, *Park.* 804. f. 7. Ray 224. f.10.
6 *Cichoreum* caulibus *florum* Junceis, Nob.
7 *Conyza* lutea *radice* odorata.
After luteus *rad.* odora, CB 269.3 Ray 264.13
Aſteris ſpecies, an *Baccharis*, Colum.253. f. opt. c.97.
8 *Conyza* minima *Dod.* foliis *criſpis.*
9 *Elichryſum* Balear. *Gnaphaloides* ſaxatile, *flor.* in ſtrictiorem umbellam congeſtis, *Salvad.*
10 Gnaphalium *Roſeum* ſylv. polyanthos. *This is as much* branched *as the* Gnaphal. *Roſeum* Hort. B. pr. 122. f.
11 *Bellis* ſylv. minor *Balear.* ramoſa & villoſa, *Salv.*
12 *Bellis* maritima, mm. ſ. minima *Roris Solis* foliis *Cirnea* Bocc. Muſ. 149. Tab. 107. *Ray* Hiſt. Plant. Vol. 3. p. 228. 38.
13 Calamintha *Balear.* fruteſc. *fol.* minoribus villoſis *Salv.*
14 *Marum* Syriacum *vulgo*, Nobis.
Marum *Cortuſi* I. B.3. l.28. p.243. fig. *Chabr.*418.f.5.
Marum Matth. B.537. f. 1. *Cam.* Epit.493. f.
Our firſt Knowledge of this Noble and Celebrated Cephalick, I find, is owing to that *Judicious* Padua *Botaniſt* Jacobus Antonius *Cortuſus*, who Communicated it to both *Matthiolus* and *John Bauhine*, which they juſtly own. Its *growing wild* ſo near as *Port Mahone* I could ſcarce believe, had I not received Specimens of it from Mr. *Salvadore* and Mr. *James Campbell*, who were both there.
15 Marum *Balear.* marit. fruteſcens, *fl.* albo.
16 Purple *Poly-Mountain* Lecaan, p.74.30
Polium mont. 5. *purpureo* flore, *Cluſ.* 362. f. Hiſp. 243. f.
Polium candidum tenellum tomentoſum, *fl.* purpureo, I.B 3. l.3. l. 28. p.300. f. *Chabr.*431. f.4 Ray 524. 4.
17 Serpyllum *Balear.* ſaxat. *fol.* rot. non crenato, *Salv.*
18 Sideritis *Hiſpan.* fruteſcens ſeu lignoſior, E. B. 160. *Inſt.* 192.
19 *Teucrium*, CB.247.1 phyt.471.1 Ray 526.1.
Teucrium multis, I.B.3. l.28. p.290. f. *Chabr.*429. f.1.
20 *Cymbalaria* parva hirſuta Nob.
Linaria Hederaceo *folio* villoſo ſ. *Cymbalaria* Alpina, E.B. 134. Inſt. 165.
21 Digitalis *Hiſpan.* purpurea minor. E.B.134. Inſt. 165.
Digitalis *Verbaſci* folio *Boc.* Muſ. *Tab.*85. f. Ray 3. p. 396 1 & 97. 5
Digitalis anguſto *Verbaſci* folio montana *Boc.*Muſ.p.108.
22 *Corruda* altera, *Cluſ.*178. f.1. Hiſp.459. f. Ray 684. 4.
Aſparagus *aculeatus* alter 3 vel 4 ſpinis eundem exort. CB. 490. 2.
23 *Corruda* 3 Cluſ.178. f.2. *Hiſp.*461. f. Ray 684. 5
Aſparagus *aculeatus*. ſpinis horridus, CB.480.3
24 Corruda *Hiſp.* ſpinis *ſiliquar.* facie, *Nob.*
Aſparagus Hiſp. *aculeis* craſſioribus horridus, E.B.250.Inſt. 300.
25 Anonis *Balear.* perennis glutinoſa villoſa, *folio* minore ſerrato, *flore* luteo *Salv.*
26 Anonis *Uliſſiponenſis* lævis, *calyce* paleaceo, *Nob.*
27 *Melilotus* lutea minor, *floribus* & *ſiliculis* minoribus ſpicatim & denſè diſpoſitis, *Ox.*161. 5 Tab.16. ſer. 2, f.
Melilotus nova *Berardi* ſeu erecta, *folliculis* rotundis minor, *Ray* Hiſt. Plant. p.951. pl.6.
28 Geniſta *Balearica* ſaxatilis, pallide virens, *flore* luteo, *Salvadore.*
29 *Tragacantha* Bal. *fol.* incanis, *fl.* albo ſtriato, *Salv.*
30 Tragacantha *Balear.* ramoſiſſima, *ſpinis* brevibus, *Nob.*
31 *Anthyllis* Balearica *Serpilli* folio.
32 Alſine *Balear.* longius *radicata*, tenuiſſimo folio, *fl.* purp. *Salv.*
33 Lychnis *Balearica* Saponariæ *folio* molli, *Nob.*
34 Lychnis *Balear.* viſcoſa ſaxat. tereti criſpo *folio*, *Salv.*
35 *Helianthemum* Balear. *Satureiæ* fol. anguſtiori, *flore* luteo, *Salv.*
36 Myrto Ciſtus *Pennei*, Cluſ.68. fig. *Pan.*67. Ger.1098. f.16. *Jonſt.*1279. f.16. *Park* 665. f. *Ray* 1011. 13 Bot. *Hort*, 4. pl.68.
37 *Vinca* latifolia, *fl.* parvo cæruleo, *Salv.*
38 Kali *Craſſulæ* minoris folio, CB. 289. Phyt. 566. 4.
Kali *Floridum* repens *Neapolitanum*, Colum. pt. 2. p. 73. f. opt. c.35. Ray 213. 4.
39 *Limonium* Balear *Bellidis* min. folio, *fruticoſum*, Salv.
40 *Limonium* minus, *Bellidis* folio, *flagellis* Fœniculaceis, *Bocc.* Muſ. 143.Tab.103.*Ray* Vol.3. p.246 pl.6.
41 *Limonium* min. *flagel.* tortuoſis, Boc. M. 143. T.103. R.3. p.246.
42 *Limonium* minimum, *Park.*1234. 5 R. 396. inter. pl.8 & 9. Limonium *maritimum* minimum, CB.192. 6 pr. 99.2 *Bocc.* 25. f.3. I.B.3.app.861.
43 *Limonium* Luſit. *Auriculi Urſi* fol. E.B.284. Inſt. 342.
44 Limonium *Hiſp.* multifido *folio*, E.B. 285. Inſt.342.
Limonium Tamariſci *folio* nonnullis, R.3. p.247. *Pluk.* 28. f.4
45 *Alaternus* Balear. *fol.* ſerratis ſubtùs ferrugineis.
46 Maſtick-tree, Lecaan 68.17 fig. Ray 1579. c.4.
Lentiſcus, Dod.871 fig. *Cluſ.*14. fig. opt. *Hiſp.*85. fig.
Lentiſcus vulg. CB. 399.1 *Lob.* ic 2. p 96. B.2. p.113. f. *Obs.* 538. f.
47 *Lentiſcus* anguſtif. *Maſſilienſis*, Hort. R. *Paris* Bot. *Monſp.* 153.
48 Lentiſcus *Balear.* fol. obtuſis, maculis candidis.
49 *Sanamunda* Balear. 2 *Cluſii*, tomentoſior.
50 Stonecrop *Sanamund.* Lecaan 75. 34.
Sanamunda 3 *Cluſ.*89. f. Hiſp.178. f. *Jonſt.* 1596.f. 3. Park. 202. fig.7. *Ray* 1589.6.
Seſamoides minus *Dalech.* Lugd.1670. f.1. *Park.*203.8.
Thymelæa tomentoſa, *folio* Sedi minoris, CB. 462.7.
N.B. There are divers others, both *Herbs* and *Trees* in Mr. *Boucher's Collections*, which I here omit, until I receive what the Curious Mr. *Campbell* a Reſident there, has been pleas'd to promiſe me by the firſt, and all Opportunities, which I ſhall publiſh as they come to Hand.

COM. II. *Luſitaniæ* Frumenta, Gramina, Cyperi, Juncii, &c. *Rariores* & Deſideratæ, *Jac. Petiver.*

SECT. 1. Frumenta & Gramina *Spicata.*

51 *Hordeum* Nudum. *Cevada Santa*, Luſit.
52 Gramen *Hordeaceum* vulgare.
53 Gramen *Hordeaceum* marinum pulchrum, ND.
54 *Gramen* Hordeaceum *Luſitanum*.
55 Gramen *Ægylops* longius *ſpicata* Luſit. ND.
56 Gramen *Ægylops* prælongis *ariſtis* vallata, ND.
57 Alopecuroides *ramoſa*, ND.
58 Gramen *Alopecurus* lanuginoſus.
59 Gramen *Alopecuroides* aquaticum *Touronenſe*, ND.
60 *Gramen* Alopecuroides *campeſtre* vernum *Luſit.* ND.
61 Gramen *Alopecuroides* hirſutum *paluſtre* Luſit. ND.
62 *Gramen* Alopec. *paluſtre* bulboſum, ND.

63 *Gramen* Alopec. *Segetum* elegans, ND.
64 Gr. *Canarium* pumilum supinum *Lusit.* ND.
65 Gr. *Canarium* spicâ amplâ *Lusit.* ND.
66 Gr. *Cristatum* campestre *Lusit.* ND.
67 *Gr.* Paniceum *spicâ* simplici.
68 *Gr.* Panic. *spicâ* parvâ leniter hirsuta.
69 Gr. *Paniceum* spicâ *asperâ.*
70 Gr. *Panic.* spicâ *aristis* longis armata.
71 Gr. *Panic.* plurimis *spicis* congestâ *paniculâ.*
72 Gr. *Panic.* plurimis *spicis* per culmum sparsis.
73 Gr. *Phalaris* altera *Lusit.* ND.
74 *Gr.* Phalaris *bulbosi* 3 species, ND.
75 *Gr.* Phœnix *vulgare.*
76 Gr. *Phœnix* alata venustissima, ND.
77 *Gr.* Phœnix apicibus donata, ND.
78 Gr. *Phœnix* calvâ *spici*, ND.
79 Gr. *Phœnix* calva falcata *spicâ* minima, ND.
80 Gr. *Phœnix* multiplicibus *granis* spicata, ND.
81 Gr. *Phœnix* rariore *grano* longius *spicata*, ND.
82 Gr. *Phœnix* multis tenuibus *granis*, spicata elegans, ND.
83 Gr. *Phœnix* pluribus ten. *granis* densè *spicata*, ND.
84 *Gr.* Phœnix *ramosa* maritima, ND.
85 *Gr.* Phœnix *pilosi* spicâ, ND.
86 Gr. *Secal.* bulbos. *spic.* longa *multis longisque aristatis* Lusit, ND.
87 Gr. *Spart.* argent. *caudatâ* spicâ, *rad.* longa *Lus.* & *Bætic.* ND.
88 Gr. *Typhinum* longâ caudâ *spicata*, ND.
89 Gr. *Tribuloides* majus & minus.
90 Gr. *Dactylon* spicis villosis *Lusit.*
91 *Gr.* duplici *seu* medio aperta *spica*, ND.

SECT. 2. Frumenta & Gram. *Paniculata.*

92 *Ægilops* barbata, ND.
93 Arundo *Cypria* seu *Donax* minor.
94 *Avena* sterilis. *Balanco* Lusit.
95 *Gr.* Avenaceum *Alopecuroides*, ND.
96 *Gr.* Avenac. *Autumnale*, amplâ *paniculâ*, ND.
97 Gr. *Avenaceum* bulbosum *Lusit.* ND.
98 Gr. *Aven.* capillari tenuissimo *folio*, ND.
99 Gr. *Aven.* elegans *Salaciense*, ND.
100 Gr. *Aven.* longa contractiore *paniculâ.*
101 *Gr.* Avenac *pratense* Lusitanicum.
102 *Gr.* Aven. Tremulum *montanum* elegans, ND.
103 Gr. *Bromoides* paniculatum molle *marinum*, ND.
104 *Gr.* Brom. *panic.* molle, *arist.* recurvis ostium *elegans*, ND.
105 *Gr.* Festuca *Avenacea* maxima & major, ND.
106 *Gr.* Festuca *Avenacea* minor & minima, ND.
107 Gr. *Xerampelinum* latif. minus, *sparsa* paniculâ.
108 *Gr.* Xerampel. *latif.* brevi *panic.* longius *radicatum.*
109 Gr. *Xeramp.* tenui brevissimo *folio*, panic. contractiore.
110 *Gr.* Amabile *tremul.* max. *paniculâ* alba & spadicea.
111 *Gr.* Amab. *trem.* maj. *panic.* copiosis *elegantissimis.*
112 *Gr.* Amab. *trem.* minus *speciosum.*
113 *Gr.* Amab. *trem.* minimum elegans. *Bollebolle* Lusit.
114 Gr. *marinum* Paniculosum.
115 Gr. *Miliaceum* seget. *Lusitanicum.*
116 *Gr.* Miliaceum *æstivum* vestibus infestum. *Milhana* Lusit,
117 Gr. *Miliac.* pumilum *elegantissimum*, ND.
118 Gr. *palustre* Paniculatum.
119 *Gr.*, Plumosum *parietinum* pulcherrimum, ND.
120 Gr. *Pratense* brevi fol. *rad.* nodosa *Vernum.*
121 *Gr.* Segetum *paniculâ* sericea contracta, ND.
122 *Gr.* Segetum *paniculâ* sericea *sparsa*, ND.
123 *Gr.* Sorghi *paniculâ* erecta.
124 *Gr.* Sorghi *paniculâ* alterum.
125 *Gr.* Sparteum *Avenaceâ* panic. *dumetorum*, ND.
126 Gr. *Sparteum* paniculâ *comosa.*
127 Gr. Sparteum *panic.* brevi, *foliculo* inclusa.

SECT. 3. Gr. *Miscellanea* & incognita.

128 Gr. *Cuspidatum* odoratum *pratense*, ND.
129 Gr. *Geranites* intractabile, ND.
130 Gr. *Torosum* aquaticum, ND.
131 Gr. *Torosum* campestre. ND.
132 Gr. *Triviale* ruder. & inuror. *Miliacea* pendula *paniculâ.*

SECT. 4. Cyperi, *Cyperoides* & Juncea.

133 *Cyperus* radice *longa* odorata. *Alba for* Lusit.
134 *Cyperus* radice *rotundâ* odorata minor *Lusit.* ND.
135 *Cyperus* radice esculenta *seu* Trasi. *Funzas* Lusit.
136 *Cyperus* radice *rotunda* inodora *Lusit.* ND.
137 *Cyperus* radice *rotunda* inodora *marina*, ND.
138 Gr. *Cyperoides* caudatis *spicis.*
139 Gr. *Cyperoides* caudatis *spicis* intortis.
140 Gr. *Cyp.* Vetonicæ Caryophylli *fol.* spicâ *simplici.*
141 Gr. *Cyp.* Vetonicæ Caryoph. *fol.* triplici & quadruplici *spicâ.*
142 Gr. *Cyperoides* echinatum.
143 *Gr.* Cyp. *Cyperi* veri *umbellis*, venustissimum pusillum annuum *Autumnale.*
144 Gr. *Cyp.* pumilum *Autumnale* elegans, ND.
145 Gr *Cyp.* pumilum *Autumnale*, globosis *capitulis*, ND.
146 *Gr.* Hirsutum *nemorosum* aliud *Lusit.* ND.
147 Gr. *Holosteum* monospermon *Lusit.* ND.
148 Gr. *Holosteum* polyspermon *Lusit*
149 *Gr.* Holosteum *Matth.* plur. granis, *capitulo* congestis, ND.
150 *Gr.* Holosteum *idem* apice *ornatum* ND.
151 Gr. *Junceum* capitatum, ND.
152 Gr. *Junceum* conatum, ND.
153 Gr. *Junceum* conatum, *apice* donatum, ND.
154 Gr. *Junceum* plur. *capitulis* in unum congestis.
155 Gr. *Juncoides*, contractiore *paniculâ*, ND.
156 *Gr.* Juncoides *sparsi* panicula *Lusit.* 4 species.
557 Gr. *Spicatum* majus & minus *marinum.*
158 *Juncus* seu *scirpus* medius.
159 *Juncus* lævis *panicula* plur. *glob.* medio *culmo* prodiens, ND.
160 *Juncus* exiguus *palustris.*

COM. III. Fossilia *Varia* à Clar. *D. Georg. Anton.* Volckman *Lignicii* Silesiæ.

161 *Granati* prope *Freywalde* in Bohæmia.
162 *Granati* ex monte *Granatorum* prope oppidum *Schmeideberg.*
163 *Amethystus* in radicibus montis *Riphæi* ad pagum *Krummem-hubel.*
164 Jaspis *ruber* ex monte *Boschelberg* dicto, propè *Urbem* Landeshudt.
165 *Smaragdus* ex m. *Riphæo* seu *Giganteo.*
166 *Topazius* candidus monte *Riphæo* ad lacum majorem.
167 *Minera* ☉ri in *granis* rarissima *Germ.* Goldbohnen ex ☉ fodina ad rivulum *rubrum* propè pagum *Schreibers-han.* Lavantur etiam in ipso jam dicto rivulo.
168 *Æs rude* Plumbei, purpurei & aurei coloris ex *Metalli-fodinis* Kupferbergi.
169 Marmor *Masselense* ex Ducatu *Olsnensi*, cum *Turbinatis*, *Rotulis* & aliis *marinis.*
170 Terra *Medica* alba *cruda* Lignicensis.
171 Terra *Sigillata* alba *Lignicensis.*
172 Terra *Sigillata* lutea (potiùs cinerea) *Lignicensis.*
173 *Solithos* seu *Lapis Violaceus*, in petrosis inditorum superciliis ut in cacumine monte *Gigant eis*. Calefactus odorem spirat *Violæ Martiæ*, & reponitur ad *Vestimenta* ut iis odorem conciliet & *Tineis* præserver.
174 Lapilli *Ophthalmici* è Thermis *Lignicensibus* in villâ *Grunthal.* Oculi *expurgant* si quid in eos insiderit.
175 *Lapis* cum *Coralliis* punctulatis, *Entrochis* seu *Rotulis*, *Pectunculis*, & aliis *marinis* refertus, ex monte *arenoso* prope *Cuntzendorff* in Ducatu *Schwidnicensi.*
176 Silices *circulares* monte Giganteo.
177 Dendrite ex *Plumbi* & *argenti* fodinâ. *Wags mitt Cott* dicta, ad opidulum *Gotts-berg* in Ducatu *Jauravien si.*
178 *Dendrite* in *Sabuletis* propè pagum *Schonborn* & *Camern* ad Schwidnicium.
179 *Pteri-lithos* cum *Filice* minore, è *Carbonariis* ad pagum *Hermmsdorff* propè *Gotts-berg.*
180 *Pteri-lithos* cum *Adiantho* albo *Filicis* folio CB. è *Carbonariis* ad pagum *Alt-wasser* propè *Schwidnicium.*
181 *Lithoxilum* densè striatum & articulatum è *Lapidicinis* Lanshudtensi *juxta* Templum.
182 *Semina* varia è *Carpolithis* excisa.
183 *Volithus* aliàs *Hammites*, vulgò *Pisa Carolina*, ex *Thermis* Carolinis *in* Bohæmia.

COM. IV. *Trees* and *Shrubs* growing in *Carolina*, *Virginia* and *New England*, with their *Vertue*, *Use*, &c.

SECT. 1. *Timber-trees* and *Shrubs* with dry *Fruit*, as *Acorns*, *Cones*, *Burrs*, *Catkins*, *Nuts*, &c.

184 *Ash-tree.* Is tough like our *English*, but *differs* something in the *Leaf*, but more in the *Bark*, and bears no *Keys.*
185 *Water-Ash.* Is brittle, the *Bark* is Food for the *Beavers.*
186 *Aspen-tree.* It grows in *Rapahannock* River.
187 *Beech.* It grows very large; 'tis not a durable *Timber*, and therefore little used, except for *Fire-wood.*
188 *Buck-beech.* Another sort found in *Carolina*, &c.
189 *Birch.* *Grows* on the Banks of *Rivers*; its *Buds* in *April* are much eaten by the *Paraketoes.*

190 *Bald* Cypress. Because it loses its *Leaves*. Its *Nuts* yeilds a most fragrant *Balsam*, which cures all green Wounds and Cuts; its *Body* they scoop into *Canoes* and *Periaugers*, some so large as to carry 30 Barrells, of one entire Piece of *Timber*.

191 *Chestnut*. Is a large and durable Wood fit for *Pallisadoes*, *House frames*, *Thresholds*, &c. its *Nuts* smaller than ours, but sweeter.

192 *Chinkapin*. A sort of *Chestnut* with a small round *Nut*, and the *Kernel* much sweeter: It is used to Timber *Boats*, &c.

193 *Herbland Elm*. The *Indians* use its *Bark* for green *Wounds*.

194 Low ground *Elm*. Of this *Bark* they make *Ropes*.

195 *Sweet-gum*. Because in the *Spring* it yeilds a fragrant *Gum*, upon cutting its *Bark* or *Wood*, of great use in *Tetters*, *Scurfs*, *Inflammations*, &c. it bears a round prickly *Bur*. The *Wood* has a fine *Grain*, fit for *Drawers*, *Scrutores*, *Tables*, &c.

196 *Horn beam*. It grows plentifully in some Parts.

197 *Maple*. There are two sorts, used to make *Trenchers*, *Spinning-wheels*, &c.

198 *Black-Oak*. A durable *Wood* under Water, and bears a good *Mast* for *Hogs*.

199 *Chestnut-Oak*. From the largeness and sweetness of its *Acorns*: A very *lofty Tree*, chiefly growing in *low* Land.

200 *Live Oak*. An Evergreen, its *Acorns* as pleasant as *Chestnuts*, and yeilds an *Oil*, as sweet as the *Olive*.

201 *Red Oak*. Is a porous *Wood*, and used to split in *Rails* for *Fences*, it also makes good *Clap-boards*.

202 *Ring-Oak* or *White-iron*. From the durable Quality of its *Wood*, and is esteemed the best for *Ship-use*, its *Planks* being longer than the *Live* Oak.

203 Scaly *White Oak*. From its scaly broken white *Bark*; it is used in building *Ships* and *Sloops*: it bears a large *Acorn*, but never grows to the Bulk or Height of the *Chestnut* Oak.

204 *Spanish Oak*. Splits very well into *Clap-boards* and *Ladders*.

205 Bastard *Spanish Oak*. Bears good *Acorns*, and its chief Use is for *Fencing* and *Clap-boards*.

206 *Turkey Oak*. From a small *Acorn* it bears which the *Wild Turkeys* feed on.

207 *Water Oak*. Is an *Evergreen*, growing in *Swamps*, Freshwater Ponds, and by River Sides.

208 *Willow Oak*. From the Likeness of its *Leaf*, grows in *Ponds*, and is useful in many Things.

209 *Pitch-pine*. A large Tree with *short Leaves*; it yeilds *Rosin* and *Turpentine*, by the Heat of the Sun, and *Pitch* and *Tar* by that of Fire.

210 *White-pine* with long *Leaves*.

211 *Yellow-pine*. Of this and the last they make *Masts*, *Yards*, and other *Necessaries*.

* 211 *Almond-pine*. From the Sweetness of its *Kernels*, which are Food for *Hogs*. It serves also for *Masts*.

212 *Dwarf-pine*. An *Evergreen* as the rest are.

213 *Spruce* or *Hemlock-tree*. The *Fishermen* in *New England*, tan their *Nets* and *Sails* of a tawney Dye, with the *Bark* of this *Tree*.

214 The *Sycamore* grows in *Swamps* and by *River* Sides, its *Bark* finely mottled with *Blue*, *White*, &c. bears a *Bur* like the *Sweet-gum*.

215 *Tulip*-tree or *Poplar*. From its Grain and Bulk, some being seven Yards about; they saw it into *Planks* for *House-shingles* and other *Uses*, it makes also, a very pretty *Wainscot*.

216 *Tulip-tree* with a *white* Flower.

217 Black *Walnut*. A very big Tree, its *Wood* firm and durable, and some say, never *Worm-eaten*; they make *Tables* and *Chests* of *Drawers* of it.

* 217 White *Hiccory*. Is a sort of *Walnut*, its *Wood* will not bear the *Weather* long; with these *Nuts*, the *Savages* make divers *Dishes* and *Banquets*.

218 Red *Hiccory*, the Heart being very *red*, firm and durable; they make *Mortars*, *Pestles*, and other *Turnery Ware* of it.

219 Flying-bark'd *Hiccory*. From its brittle and scaly *Bark*, the *Shell* soft, *Kernel* bitter and Leaf fragrant; of its *Wood* they make *Coggs* for *Mills*, &c.

220 *Willow*. Grows on fresh *Water* Banks, but differs from ours in *Bark* and *Leaf*.

SECT. 2. *Timber*-Trees and *Shrubs* with *Berries*, &c.

221 *Arrow-wood*. Used by the *Indians* for *Arrows* and *Gunsticks*, it grows as strait as if plained, and is of all *Sizes*.

222 *Prickly Ash*. Of this both *English* and *Natives* make *Poles*, it growing up like them; it's very thorny and light, bearing *Clusters* of purple *Berries*; the *Root* purges and *vomits*, used in *Cachexies*.

223 Red *Cedar*. An *Evergreen*, its *Wood* sweet, very durable, and much used for *Tables*, *Wainscot*, *Coffins*, &c.

224 White *Cedar*. Like the last, but a *taller Tree*, and grows strait as an *Arrow*; its *Wood* very light, free to split, and makes the best *Shingles*.

225 *Dogwood*. Bears a white Flower, and blooms the first in the Woods, has a fine Grain; of Use within Doors, but not lasting. The Bark of its Root is held an infallible *Remedy* for the *Worms*.

226 Black *Gum*. Bears a black *Berry*, which the *Indians* mix with their *Pulse* and *Soups*, it giving a prettey *Flavour* and *Scarlet* Colour.

227 Bitter *Black gum*. Its *Berries* like the last, but *bitter*; the *Wood* of both these are used for *Cart Naves*.

228 White *Gum*. Bears a long Bunch of *Flowers*, its *Wood* much curled and knotted, yet might be of use.

229 *Holly* two sorts, one with a large, the other with a small *Leaf*, many are 2 Foot diameter; they make good *Trenchers* and other *Turnery* Ware.

230 *Honey-tree*. Like the next but more prickly; it bears a *Cod*; one Side contains the Seed, the other Honey, of which they make very good *Metheglin*.

231 White and yellow *Locust*. Are pretty tall Trees; the *Indians* make *Bows* of them, being tough and flexible.

232 *Sassafras*. Bears a white *Flower* and black *Berry*, the *Bark* of the *Root* is a *Specifick* in the *Gripes* and *Heartburn*; it's also of other *Sovereign Use*: Of its *Wood* they make *Bowls*, &c.

SECT. 3. *Dying*, Medicinal, *Ornamental* and other *Trees* and *Shrubs*.

233 *Laurel tree* as tall as *Oaks*, the *Leaves* and *Berries* dye *Yellow*.

234 *Gall berries*. A pretty *Evergreen Tree*, in Swamps and Ponds; it bears a *black Berry*, with which the *Women* dye their *Cloaths* and *Yarn* black.

235 *Indico*. It grows plentifully in *Carolina*, &c.

236 *Poyson vine*. Its *Leaf* like *Hemlock*, the *Juice* stains *Linnen*, never to wash out, it *marks* a *blackish Blue* Colour, by breaking a Bit of the *Vine* and writing with it.

237 Candle *Bay*. Its *Berries* yeild a fragrant *Wax*, which besides its Use in *Surgery*, they make *Candles* of.

238 Candle *Myrtle*. Of the Berries of this, they also make *Candles* which will stand the hottest Weather and burn very sweet.

239 Sand-bank or Sea *Cassina* or *Yaupon*. Because this Kind particularly grows there only; in some Places 12 Foot high, in others but 3 or 4: It grows like *Box*, whose *Leaves* it resembles, but thicker and dented, bears a small red Berry, but in *December* when ripe, is brown.

240 *Swamp Cassina*. In rich low Ground and Swamps, its Leaves greener and larger.

241 Dwarf *Cassina*, never grows a Foot high. *Sheep* and *Deer* delight much in this Plant. This is their *Indian* Tea, used and approved of by all the *Savages* on the Coast of *Carolina*, and sold at a good Price to the *Westward Indians*, it grows plentifully on the Coast of *Florida*, and is held in great Esteem by the *Spaniards* in New Spain.

242 *Pellitory-tree*. From the Hornels of its Bark, which chewed in the Mouth, cures the *Tooth-ach*. It grows on *Sand-banks* on the Sea Shore.

243 Small *Bamboo*. It grows in low Land, a sort of *Climber*, its *Reeds* rarely thicker than ones Finger, and very tough; the *Indians* boyl and eat the *Root* which is a round Ball, and when dry, so hard that they make *Cane-heads* of them, which are *carved* into pretty *Figures*.

244 Oak *Vine*. It bears a sort of Bur, and runs about Trees; it is so porous that they suck *Liquors* through a Length of 2 Foot.

245 Dwarf *Palmetto*, grows in *Carolina*, &c.

246 *Sugar-tree*, grows at the Heads of *Rivers*, and near *Mountains*; this by tapping yeilds a *Juice* which they boyl into a *Sugar*.

247 *Sorrel* or *Sowre-tree*. Because its *Leaves* have that Taste; some are a Foot diameter.

248 *Red bud*. Bears a purple Blossom, ripe in *April* and *May*, it's *Flower* an excellent *Sallad*.

249 White *Honey-ſuckle.* Grows branched and always in low moiſt ground: This and the following *flower* in April and May.

250 Jagged *Honey-ſuckle.* Becauſe its *Flowers* are deeper cut, This grows in clear dry Ground.

251 Swamp *Honey-ſuckle.* Grows in ſwampy *Woods* and *River* Sides about 2 or 3 Foot high and bears a great Bunch of fine white *Flowers.*

252 Wood *Honey-ſuckle.* About a Foot high; its *Flowers* on ſmall Footſtalks, ſeveral together from the main Stock which is not thicker than a *Wheat*-ſtraw.

253 *Woodbind.* Is here *ever green* and long in *Flower.*

254 Jaſmin *Clymer.* From the Shape of its Leaf, but larger; it grows round Trees, and makes a fine Shade and a quick grower; 'tis an *Ornamental* Plant with a *black* Berry.

255 Scarlet *Trumpet-Vine.* Makes a fine *Arbour*, bears a large red *Bell-Flower* and a long *Cod.*

256 *Maycock.* A Summer *Clymer*, with a glorious *Flower*, it bears an *Apple*, of an agreeable Sweet mixt with Sowre.

257 *Larks-heel-tree.* From the reſemblance of its *Flowers.*

258 Yellow Jaſmin. Of a pleaſant Smell, growing in *Woods.*

SECT. 4. *Fruit-Trees*, Shrubs and Buſhes, *viz.*

259 Red-*Cherry.* A large Tree in the *Woods*, not much unlike the *Cornel-berry.*

260 *Cluſter*-cherry. *Grows* high and in Bunches like *Currans*, they have a bitteriſh ſweet *Reliſh*, and yield a *crimſon* Juice.

261 Black *and* white *American* Damſons. Theſe grow on all the *Sand banks* along the *Coaſt.*

262 Box *Plum.* From the *Yellowneſs* of its *Wood*, which is ſomewhat porous: The *Fruit* has a *Phyſical* Taſte.

263 *Early* Indian *Plum*, This makes a fine Shew when in *Flower.*

264 Late *Indian* Plum. *Its Bloſſoms* white, ſmall, and very ſweet, the *Fruit* red and palatable,

265 Wild *Fig.* Grows *up the* Mountains *in* Virginia.

266 *Common* red Mulberry. *Is* very *ſweet* and one of our earlieſt *Fruit*, next the *Strawberry.*

267 White *Mulberry.* Very common and fit for *Silk-worms.*

268 *Black* Mulberry. *Bears* a ſmall *Fruit*, but very *ſweet.*

269 Papau. *Bears* an *Apple* of the Size of a *Hen's Egg*, yellow, ſoft, and very ſweet; of theſe they make rare *Puddings*, its *Leaves* very broad and *Stones* large,

270 Summer *Perſimon.* Agrees with all Soils.

271 Winter *Perſimon.* Becauſe the *Fruit* ripens not till the *Froſt* appears.

272 Black *Grape.* With a pale *Fleſh-coloured* Juice.

273 Black *Bunch*-grape. *Yeilds* a crimſon *Juice*, grows common and bears plentifully; they are of a good *Reliſh* but *ſmall*, yet have a large *Stone* and thick *Skin.*

274 Black *Summer* Fox grape. *Ripens* with the next in *July*, frequent in *Swamps* and low moiſt Ground.

275 *White* Summer *Fox-grape.* This and the laſt grow not in Cluſters, having but 5 or 6 in a Bunch and ripen in the Shade; they are about the *Size* of a *Damſon.*

276 Black *Winter* Fox-grape. *Ripens* in *September* in all Soils, but moſt plentifully on the *Sandy* Sea Coaſts.

277 *White* Winter *Fox-grape.* The *Fruit* clear and tranſparent, with ſmaller Grains: This and the foregoing are pleaſant, but all glutinous.

278 Red *Haw.* Of an agreeable Taſte, and four times as big as ours in *Europe.*

279 Black *Haw.* A ſlender Tree: Theſe are *eaten* both by *Men* and *Birds.*

280 Black-*berries.* Are *bitteriſh*, and not ſo palatable as in *England.*

281 Blue *Bilberry.* Not unlike our common *Engliſh.*

282 *Great* Biberry. *Grows* in *Savana's*, *Meads*, and *Woods*: This has both a *larger* Fruit and Seed.

283 Small *Bilberry.* As pleaſant as the *blue*, but *larger*; grows 3 or 4 Foot high, in low good Ground, and *River-banks.*

284 *Tree* Bilberry. *Grows* 10 or 12 Foot *high*, and as *thick* as a *Man's Arm*, in low Grounds; the *Fruit* is pleaſant and bears much.

285 April *Currans.* A very beautiful Tree, on the *Banks* of *Rivers*, in Clayey *Ground*; its a pretty *red Fruit*, but gone quickly.

286 Bermudas *Currans.* A Buſh, *grows* in the *Woods*, like our *Engliſh*, and much eaten by ſome.

287 Winter *Currans.* A pretty buſhy Tree, about 7 or 8 Foot *high*, very ſpreading; are ripe in *October*: They make *Tarts* of them, and dry them inſtead of *Currans.*

COM. V. Some *American Plants*, with their *Specifick Vertues* and Wonderful *Effects*, lately ſent me by the *Reverend* and Learned Dr. *Cotton Mather*, at *Boſton* in *New England*, and Fellow of the *Royal Society*, London.

288 *Ophiophuga*, Cottonis Mather.

Hieracium Novæ Angliæ *Succiſæ* folio, *Flor.* parvis ramoſis, *Nob.*

A *Poultiſs* of this bruiſed and laid to the Part bitten by the *Rattle-Snake*, it immediately fetches out the *Deadly Poyſon*; 'it's alſo remarkable, that if put into the *Shoes*, no *Serpent* will dare to come near them. A *Tea* of it is a good *Ophthalmick*, C. M.

N. B. I have already 4 or 5 different Sorts of theſe *Rattle-Snake Plants* from *Carolina*, *Virginia* and *Maryland*, and this, another, altogether new to me.

289 *Caltha* Sylvatica *or* Wood Marygold, C. M.

Flos Solis *N. Angliæ*, fol. ſeſſilibis ſcabris, *caule* rubente, *Nob.* This is, perhaps, the *greateſt Vulnerary* in the World; a *Balſam* of the green *Leaves*, with *Oil Olive*, cures the moſt grievous *Punctures* of the *Nerves*, and *Cuts* of all Sorts, with an admirable Efficacy and Quickneſs, ordinary Wounds in 4 or 5 Hours, to the great Aſtoniſhment of the Patient, and extraordinary Cuts in a very few Days at fartheſt. The *Indians* will fight like *Milton's Devils*, if this *Traumatick* be near them, *C. M.*

This ſort of *Americk* Chryſanthemum, Dr. *Moriſon* calls *Voſacan*, and now grows in our Phyſick *Garden* at *Chelſey.*

290 Great *Bur* Comfry. *A ſort* of *Caryophyllata* Avens, or Herb Bennet.

291 Small *Bur* Comfry. It does Wonders in internal Wounds, relieves *Oppreſſions* in the *Stomach*, from clotted Blood, not to be paralel'd, *C. M.* This ſeems another ſort of *Avens*, but being without Flower or Seed, I cannot determine it, *J. P.*

292 *Formoſa*, C. M. by the *Indians* Satanſchoo. Two *Spoonfuls* of the *Water* in which this Herb is boiled, cures the *Malady* which we call the *Stomach-ach*, as alſo Inflammations of the *Eyes*, being waſhed with it, *C. M.* This with us is called the *Cardinal-flower*, from its beautiful ſcarlet Colour. Vid. *Ray* Hiſt. *Plant.* 746. 1.

293 *Taututtipoag*, ſo called by the *Indians.*

The whole Plant with the Root boiled and applied to the *Face*, cures what we call the *Ague* there, and alſo any *Tumour*; it alſo does Wonders in *Cancers* and other *Ulcers* by bathing. A *Tea* of this inwardly, and a Pultiſs to the Part grieved, is the grand Medicine here for the foul Diſeaſe, *C. M.* This is a ſort of Geranium Batrachoides, *longiùs* radicatum, *Ray* 31. p. 1061.

294 *Fagiana* or *Cancer* Rape, *C. M. Orobanche* ramoſa *N. Angliæ*, ſub *Fagis* naſcens, *Nob.* A Pultiſs of this Plant laid to the Part, and a *Tea* of it inwardly, does Wonders in *Cancerous* and *Scrophulous* Caſes, as alſo in *Malignant Fevers*; it ſtrengthens and invigorates after *Fatigues* and Wearineſs. *Grows* only under *Beech Trees* in *ſhady Places*, from *Midſummer* till *Autumn.*

COM. VI. Divers *Miſcellany Curioſities* ſent me from *Bombay* and *Callecut*, by Mr. *Alex. Chriſtie*, *Surgeon*, reſiding in thoſe Parts.

295 *Papilio* major è nigro & pallidè cæruleſcente, *alis inferioribus* ſinuoſis maculiſque atris ornatis, è *Callecut.*

296 *Libella* major, *apicibus* alarum *lanceatis*, *alis inferioribus* amplis *maculis* è *Callecut.*

The following *Shells* from *Bombay.*

297 *Cochlea* auriculata, *faſciis* caſtaneis, pulchrè obliquis *Gazophyl.* Natur. Tab. 101. Fig. 9.

298 *Cochlea* umbilico magno ſinuoſo, maculis caſtaneis. *Gaz.* Nat. *Tab.* 101. Fig. 10.

299 *Buccinum* oblongum minus, *coſtis* obtuſis parcè elatis. *Gaz.* Nat. *Tab.* 101. Fig. 14.

300 *Buccinum* breve minus, *coſtis* denſè poſitis. G. N. T. 101. fig. 15.

301 *Murex* breve minus, *faſciis* ſpinoſis. G. N. 101. 18.

302 *Veneroides* exilis alba, *faſciis* duobus rubeſcentibus. G. N. 102. f. 13.

303 *Buccinum* dentatum album, *coſtis* obliquis. G. N. 101. f. xi.

304 *Rhombus* faſciis capillaribus fuſcis, *cingulo* medio *albo.* G. N. 101. 17.

305 *Operculum* album, intus auritum. G. N. 102. f. 21.

306 *Rubeola* erecta, *ſpicâ* Typhoides *cæruleâ.* Found in ſwampy Grounds, the latter End of the *Rains.*

LONDON, *Printed* for the *Author* in *Alderſgate-ſtreet.* MDCCXVII.

GRAMINUM, *Muſcorum, Fungorum, Submarinorum*, &c.

BRITANNICORUM

CONCORDIA:

A Methodical Concordance of BRITISH *Graſſes, Moſſes*, &c. in *Order* to their being more *eaſily* known and *better* Figur'd.

A JACOBO PETIVER, *Regiæ Societatis Socio*, &c. LONDINI.

CAP. I. *Frumenta* & Gram. *Spicata*.
Spiked *Corn* and Graſſes.

Sect. 1. De *Triticis* & Gram. *Triticeis*.
Wheat *and its* Graſſes.

1. Naked *Red* Wheat. *Bobart*. Hiſt. Pl. *Oxon*. p. 175. 1. Triticum *nudum*, ſpica & granis *rubentibus*, Ray H. *Plant*. 1237. 1. *Synopſ*. 177. Pl. 1. edit. 2. p. 244. 1.

2. Naked *red ſtraw'd* Wheat. *Bob*. H. Ox. 175. 2. Triticum *nudum*, culmo & granis *rubris*.

3. White *Lammas* Wheat. B. *Ox*. 175. 4. Tab. 1. fig. 1. opt. *Triticum* nudum, *ſpicâ* & *granis* albis, *Ray* 1237. 2. Syn. 172. 2. ed. 244. 2. C. B. 21. pl. 1. Phyt. 46. 1. Theatr. 352. fig. *Matth*. 317. f. 2. Lugd. 378. f. Tabern. 258. Ic. 2. Hiſt. 735. f. 1. Ger. 58. fig. *Dod*. 489. f. *Lob*. 25. Ic. Belg. 27. 1. Oſſ. 14. 1. Adv. 5. *Jonſt*. 65. f. *Park*. 1120. 1. *Chabr*. 173. 1.

4. Mixt *Lammas* Wheat, *Bob*. Ox. 175. 3. *Triticum* nudum, *ſpicâ* albicante *granis* ruſeſcentibus, ſeu *mixtum*. N. B. Moſt of theſe have ſometimes ſhort, but irregular *Beards* and *Flower* about *Midſummer*.

5. Cone-*Wheat*, Bob. *Oxon*. 176. pl. 13. T. 1. f. 2. f. opt. *Triticum* ariſtatum, *ſpicâ* villoſâ quadrata longiore.

It's a tall *Corn*, compoſed of four Rows of *Grain*, ſet in grey hairy *Glumes* or *Husks* in a large *Spike* near 6 Inches *long*, with very rough and long *Beards*.

6. Grey *Wheat* or *Duckbill*, Grey *Pollard*, Ray 1238. 8. Syn. 178. 3. ed. 245. 3. *Triticum* ariſtatum, *ſpicâ* villoſâ breviore & turgidiore, *B. Ox*. 176. 14. T. 1. ſer. 2. f. opt. Its *Spikes* greſſer, ſhorter and whiter, and riſes not ſo high.

7. *Naked* Duckbill. *Triticum* nudum *ſpicâ* villoſâ quadratâ breviore. *Differs* from the *laſt* in being *beardleſs*.

8. Red-eared *bearded* Wheat. *Triticum* ariſtatum, *granis* & *ſpicâ* rubentibus, *glumis* lævibus & ſplendentibus, *Ray* 1238. 6. S. 177. 2. ed. 244. 2. *B*. Ox. 175. 2. T. 1. f. opt. CB. 21. 8. pt. 47. 6. Th. 371. f. Tab. 259. 2. H. 735. 3. G. 59. 4. Lob. 27. 2. B. 28. 3. Jonſt. 67. f. Park. 1120. 3. *Lugd*. 377. 1. Tabernemont's *Figures* and *Labels* ſeem ſomewhat to differ, but not much. *This* holds its *Beards*, tho' ripe.

9. Many-ear'd *Wheat*, R. 1238. 4. S. 177. 3. d. 245. 5. *Triticum* ariſtatum *ſpicâ* multiplici, *Bob*. 175. 7. T. 1. f. bonâ. C.B. 21. 6. pt. 48. 8. Th. 371. f. Tab. 260. 1. H. 736. 1. G. 59. 3. Matth. 318. f. *Chabr*. 173. f. 2. opt. *Lob*. 26. 2. B. 28. 1. *Jonſt*. 66. 4. P. 1120. 4.
This is ſometimes ſow'd about *London*.

10. Polonian *Wheat*, *Ray Vol*. 3. p. 597. 3. S. 236. ed. 245. 4.
Triticum *Polonicum* majus, *glumâ* foliaceâ, Pluk. Tab. 231. f. 6. opt. B. Ox. 175. 8. Tab. 1. ſer. 2. f. bona. Sown in Worceſterſhire.

11. Barly *Wheat*, Ray 1008. S. 236. ed. 245. 6.
Triticum *ariſt*. ſpic. *Hordei* polyſtichi, B. Ox. 176. 11. T. 1. f. 2. f. opt. CB. 22. 4. Th. 423. f. Tab. 262. 1. H. 752. f. Ger. 66. f. 1. *Chabr*. 175. f. 5. J. B. 430. *Lob*. 30. f. 2. B. 37. 2. Ob. 18. 2. J. 72. f. P. 1123. Its *Spike* like *ſquare Barley* of ſix Rows, bearded, but the *Grain* of *Wheat*. Sown *about* Islip *and other Places in* Oxfordſhire.

Gramina *Triticea*. Wheat-*Graſſes*.

12. Common *Dogs-graſs*. R. 1255. 1. S. 179. 1. d. 247. 1. B Ox 178. 8 T. 1. f 3. f. opt.
Gr. *Caninum* offic. *vulgare*. CB. 1. pl 1. pt. 3. 1. Th. 7. f. *Tab*. 201. 2. H. 637. 2. G. 22. 1. *Lob*. 20. 2. B. 21. 2. Ox. xi. 2. Ad. 2. P. 1173. 1. *Dod*. 558. f. mala. 23. 1. No good *Figure* as yet of this *Common Graſs*, except Mr. *Robart*'s Spike *of it*. Too frequent in *Gardens* and ſome *Fields* in *June*, &c.

13. Bearded *Dogs graſs*. Gr. *Caninum* ariſtatum vulgare, R. 1255. 1. *Var*. S. 179. 1 R 247. 1. *Differs* from the *Common* in being *bearded*.

14. Bearded *Wood* Dogs-graſs. R. 3. p. 598. 1. S. 235. d. 247. 2. Gramen *Canin*. ſylvaticum *ariſtatum* elatius, *Bob*. Ox. 177. 2. T. 1. f. 2. f. opt. In *Stocken-Church* Woods *plentifully*.

15. Sea-*Dogs graſs*. R. 1255. 6. 5. S. 179. 2. d. 247. 3. Bob. 178. xi. T. 2. f. Gramen *Caninum* marit. vulg. CB. 1. 8. pt. 3. 3. Th. 14. f. *Tab*. 203. 2. H. 637 4. G. 23. 1. *Lob*. 21. 2. B. 22. 1. I. 25. 1. Chabr. 186. 6. *Common* in *Salt* Ditches and *Sand* Banks in *June*, *July*, &c.

16. *Bearded* Sea-*Dogs graſs*. Gramen *Caninum* marit. *ariſtatum*. A Variety of the laſt, and found with it, but more rare.

17. Buddles *Sea-Dogs-graſs*. Gramen *Caninum* maritimum *ſpicis* rarioribus craſſis *Inſt*. Rei Herb. 516. Firſt *Diſcovered* by that accurate *Botaniſt* the late Reverend Mr. *Adam Buddle*, on the *Suffolk* Coaſt towards *Yarmouth* in *July*.

18. Swaddle headed *Sea-Dogs graſs*. R. 1256. 3. S. 179. 3. d. 247 4. Gr. *Caninum* marit. *ſpicâ* foliaceâ. CB. 2. 9. pt. 3. 4. Th. 15. f. opt. *Tab*. 203. 1. H 638. 1. G. 23. 2. *Lob*. 22. f. B. 22. 2. P. 1277. 3. B Ox. 178. 12. T. 2. f. *Found* by the Curious *Mr. Sam. Dale* in *Merſey-Iſle*, near *Colcheſter*. It *Heads* in *June* and *July*.

SECT. II. *De* Loliis & Loliaceis. *Darnel* and its *Graſs*.

19. Corn *Darnel*. R. 1262. c. 7. pl. 1. S. 181. 1. d. 249. 1. B. Ox. 181. T. 2. f. 2. f. *Lolium* ſegetale CB. 9. 1. pt. 23. pl. 102. Th. 121. f. Matth. 331. f. *Tab*. 239. 2. H. 675. f. G. 71. 1. *Lob*. 35. 1. B. 44. 1. O. 21. 2. Ad. 10. Dod. 538. P. 1145. 1. J. 78. 1. *Lugd*. 417. f. *Found* too often amongſt *Wheat* in *July*, &c.

20. Bearded *Darnel*. Lolium *ſegetale* ariſtatum. B. Ox. T. 2. f. 2. f. opt. *Grows* with the *laſt*, but more rare.

21. Tall *Brize* Darnel. R. 1257. c. 2. pl. 1. Syn. ed. 248.
Gramen Spica *Brizæ* majus *CB*. 9. 1 pr. 18. pl 56. fig. Th. 133. P. 1144. f. 5. *B*. Ox. 205. 4. T. 6. f. 3. f. Pretty common about *Oxford* in Copſes and Hedges.

22. *Common* Way *Darnel*. R. 1263. 3. S. 181. 2. d. 249. 2. *B*. Ox. 182. 2 T. 2. f. 2. f. opt. Gramen *Loliaceum* vulg. CB. 9. 3. pt. 22. 101. Th. 128. f. *Lob*. 34 2. O. 21. 1. Ad. 10. Dod. 540. f. J 78. 2. P. 1145. 2. *Lugd*. 1416. f. Frequent by *Path-ways* and in *Graſſy Paſtures*.

23. *Bearded* Way *Darnel*. Gramen *Loliaceum* vulg. ariſtatum.

24. Thin *Darnel graſs*. Gramen *Loliaceum*, ſpicis rarius diſpoſitis. *B*. Ox. 182. T. 2. f. 2. f. opt. qr? P. 1145. 4. f.

25. Broad *Flat* Darnel-graſs. *Gramen* Loliaceum *ſpicis* brevioribus compreſſis. *B*. Ox. 182. T. 2. f. 2. f. opt. qr? P. 1145 5. f. o.

26. Branched *Darnel-graſs*. Gr. *Loliac*. multiplici ſpicata panicula. R. Syn. 235. *B*. Ox. 182. T. 2. f. 2. f. opt. P. 1146. f. opt. Theſe 3 laſt grow in *Meadows*, &c.

27. *Sea* Darnel-graſs. *Gramen* pumilum *Loliaceo* ſimile. *Ray* S. 182. 4. d. 250. 4. *Pluk*. Tab. 32. f. 7. opt. qr? Ray 1287. 18 f. 190. 15. d. 259. 16. qr? *B*. Ox. 182. 6. T. 2. f. 2. f. qr? P. 1165. f. & 1278. 6. Found in the *Iſle* of *Sheppy* by *Mr. James Sherrard* and my ſelf. It *ſpikes* in *July*, &c.

28. *Ruſh* Darnel-graſs. *Phœnix* marit. *ſpicâ* aculeatâ. R. 1263. 5. S. 182. 3. d. 250. 3. Ger. l. 1. c. 22. pl. 8. *Park* 1146. f. 6 opt. *B*. Ox. 182. 8. T. 2. f. 2. f. opt. Frequent in *Salt* Marſhes in *July*, &c.

29. Small *Heath* Mattweed. R. 1260. 8. S. 180. 2. ed. 248. 2. *Spartum* minimum *Anglicum*. Park. 1199. f. 7. opt. qr? *B*. Ox. 217. 8. T. 7. f. 3. f. qr? *CB*. Th. 70. f. On *Putney-Heath* plentifully, *Flowring* from the End of *April*, and holds its *Spike* till *Winter*.

SECT.

Sect. III. De *Secale* & Gram. *Secalinis.* Rye *and its* Grafs.

30. *Rie.* R. 1241. 1. S. 178. d. 245. B. Ox. 179. 1. T. 2. f. 1 f. opt.
Secale *Hybernum* vel majus, CB. 23. 2. pt. 50. 2. Th. 425. f. Matt. 325. 1. *Tab.* 258. 1. H. 720. 1. G. 61. f. *Lob.* 28. 1. B. 31. 1. O. 15. 1. Ad. 6. Dod. 499. fig. J. 68. f. P. 1128. 1. *Lugd.* 396. f. 1. *Sown* in *Autumn* in light fandy *Soil.* It's in *Spike* a Month before *Wheat.*

30. * Burnt *Rie.* Secales *Uftilago. CB.* 24. 1. pt. 52. 1. *Lob.* 35. 2. *B.* 45 1. O. 22. 1. Ad. 11. Jonft. 77. 3. P. 1128. f. 2. *Found* amongft *Rie.*

31. *Small* Rie *Secale* Vernum vel minus, CB. 23. 3. pt. 50. 2. P. 1129. 2. B. Ox. 179. 3. *Lugd* 396. f. 2. It's a fmaller *Corn*, with fewer Stalks and a ſlender *Spike.* It's *ſown* in the *Spring.*

32. Wild *Rie*, or *Wall* Barley, R. 1258. 1. S. 180. 1. d. 248. 1.
Secale Vernum, *Nob.* CB. 9. 2. pt. 24 109. Th. 134. fig. *Tab.* 235. 1. Hift 670. 1. G. 66. 2. *Lob.* 30. 1. *B.* 37. 1. O. 18. 1. Ad. 7. P. 1147. f. *B.* Ox. 179. 4. T. 6. 53. f. Very common on *Walls*, Waſte Grounds and *Path-ways*, from *May* till *Autumn.*

33. Great *Wild* Rie. *Secale* ſpontaneum majus. qr? Park. 1147. 2. *CB.* 23. 1. pt. 24. 110 *Thal.* 51. Mr. *Buddle* obſerved this amongſt *Corn* about *Barns* in *Surrey.*

34. Meadow *Rie*, R. 1258. 2. S. 180. 2. d. 248. 2. *B.* Ox 179. 6. T. 2. f. 1. f.
Secale Pratenſe, *Jonſt.* c. 22 pl. 4. qr? majus. *Park.* 1144 fig. Frequent in *Meadows* from *May* till mowed.

35. Wood *Rie*, R. Vol. 3. p. 599. 11. S. 235. d. 248. 4 Gr. *Secalinum* majus ſylvaticum. *Bobart.* H. Ox. 180. 12 qr? Park 1144 7. fig. In *Stocken-Church* Woods plentifully in *June* &c.

36 Short Sea Rie, R. 1258. 3. Syn. 180. 3. d. 248. 3. *Pink* 33. f. 2 opt.
Secale *maritimum* minus, *Nob* B. Oxon. 179 5. T. 6. f. 3 Its *Heads* ſhort, with ſpread Briſtles. In *Salt Marſhes* from *June* till *Autumn*

37 Engliſh *Matweed* or *Helm*, Jonſt. 42 f. 3. R. 1259. 3 S. 180 1. d. 248. 1.
Spartum *Anglicanum*, ſpicâ Secalinâ, *Nob* CB. 5. 3. pt. 25. 113. Th. 67 f. *Cluſ* 121. f. 1. *Tab.* 239. 1 Hift. 674 f. G. 38. 3. P. 1198. 3. *Chabr.* 192. 2. *Lob.* 89. 1. B. 122. 1. O 45 3. *N. B* The *ſingle Spike* in *Bob.* Ox. T. 4. under *fig.* 10. very well repreſents this *Graſs*, which I have obſerved on our own *Coaſts* in divers Places, viz. the *Iſle* of *Sheppy*, *Deal*, &c. on the *ſandy Shores*, from *July* to *Autumn.*

38. Buddle's *Sea* Matweed. *Spartum* Effexiense, *ſpicâ geminâ clauſâ*, *Hort. n ſ. ſicc.* Ray 3 *Appl* 248 The Reverend Mr *Adam Buddle* firſt diſcovered this *Graſs*, A. D. 1703. in the Marſhes on the River *Wallfleet* near *Fambridge* Ferry *in* Dengey Hundred *in* Eſſex: ſince which that diligent Botaniſt Mr. *James Sherard* found it plentifully on the *Sand* near the Mouth of *Feverſham* Creek about *Auguſt* and *September.*

SECT. IV. De *Hordeis.* Of *Barley.*

39. Common *Barley*, R. 1243. c. 5. 1. S 178. d 246. 1. B. Ox. 206 I. 6. ſer. 3. f. opt.
Hordeum diſtichum, CB. 23 3. pt. 50 3. Th. 440. f. Tab. 474. 2 H 704 2. G. 64. 2. *Lob.* 29. 2. B. 33. f. ult. Dod. 501. 2 J. 70. 1. P. 1130. 1. *Lugd.* 398. f. *Sown* in the *Spring*, and ripe in *Auguſt.*

40. Battledore, or *Sprat-Barley*, R. 1243. 2. Syn. 178. 2. d. 246.
Hordeum *diſtichum*, ſpica brevi lata, B. Ox 206. 2. T. 6. f. 3. f. p. Zeocrithon ſ. Oryza *Germanica*, CB. 22. 5. pt. 48. 3. Th. 422 c. 15. *Chabr.* 175. f. 4. J. *B.* 2. l. 18. c. 15. p. 430. f Grows lower than the *Common*, with ſhort ſtiff *Spikes* and thick *Grain.* Sown *in the* Spring.

41. Winter, Square *or* Bear *Barley*, R. 1244. 3. Syn. 178. 2 d. 246. 3.
Hordeum *Diſtichum* hybernum, CB. 22. 1. pt 49. 1. Th. 438. f. *Tab.* 274 1. H. 764 1. *Lob.* 28. 2. B 32. 1. O. 15. 2. Ad. 2. *Dod.* 501. 1. Jonſt. 70 2. P. 1130 2 *Lugd* 399. f. B. Ox. 206. 3 T. 6. f. 3. f. Its *Spikes* are commonly 4 rowed. *Sown* in the *Autumn*, and therefore more frequent in the *North*, where they call it *Big.*

42. Burnt *Barley* Hordei *Uſtilago*, CB. 24. 2. pt. 52. 2. *Lob.* 29. f. B. 33. f. J. 70. f. P. 1130. f. It's a ſmutty *Ear*, found amongſt other *Barley.*

Sect. V. *De* Paniceis. *Panick* and its *Graſſes.*

43. Naked Dogs *Panick*, R. 1261. 2. S. 181. 2. d. 249. 2. B. Ox. 189 15. T. 4. f. opt.
Gramen *Paniceum* ſpica diviſa, CB. 8 1. pt 20 92 Th 136. f Tab 279 2 H 814 2 G. 79 5. *Lob* 42 2 B 53 3 O 25 2 Ad 15 Dod 559 2 Jonſt 85 5 P 1154 1. I have met with this about *Fulham*

44. Single, ſmooth *Panick* Gramen *Paniceum* ſpica ſimplici lævi, R 1261 1 S 180 1 d 249 1 B Ox 189 10 T 4 f qr? CB 8 3 pr 20 94 Th 138. f *Tab* 228 1. H 663 1 G 20 8 f qr? *Lob* 13 2 It's ſometimes found in *Stubble* Fields.

45. Rough *Panick*, R. 1262. 3 Syn. 181. 3. d. 249. 3. B. Ox. 189 11. T. 4. f. opt.
Gr. *Paniceum* ſpica aſpera, CB. 8. 4. pr. 21. 95. Th. 139. f. *Tab* 200. 2. H. 636. 1. G. 14 1. J. 15 1. P. 1172. 2. *Chabr.* 184. 3 *Found* about the *Neat houſes*, *Putney* and *Rowhampton.* It *ſpikes* in *July* and *Auguſt.*

46. Rough *Jerſey* Panick, R. 1265. 7. S. 239 d. 251. 5. Gr. *Alopecuroides* ſpica aſpera, CB. 4. 6. pr. 10. f. 2. Th. 59. f. pr. 13. 51. P. 1168. 6. *Chabr.* 185. f 6. *Lob.* 45. 2. B. 57. 1. *Lugd.* 432. f. 2. In all the ſandy Grounds in *Jerſey*, Dr. *Sherard.*

47. Cone *Panick*, R. 1288. 25 S. 190. 19. d. 259. 23. B Ox. 189. 12. T. 4. f. opt.
Panicum *ſerotinum* ſpica pyramidata, Inſtit. 515. B. Ox. 189. 12 *Hunk.* 33. f. 6. Found amongſt *Corn* in *July.*

48 Salt Sea-Panick, R. 1266 9. S. 183. 5. d. 251. 4. CB. 44
Panicum maritimum villoſum *Nob.* Bob. Ox. 191. 3. T. 4. f. 2. f. opt. Adv. 469. defer. 1. B. 2. J. 18. P. 474. Park. 1166. 3. f. & qr? P. 66. 3. f. Jonſt. 87. 2. f. 6. In *Salt Marſhes* in *July* &c.

VI. De *Alopecuris & Typhinis.* Fox and Cats-tail *Graſſes.*

49. Common Meadow Fox-tail, R. 1264. 1. S. 182. 1. d. 250 1.
Gr. *Alopecuroides* prat. vulgare, Nob CB. 4. 1 pt. 11. 43. Th 55. f. *Tab.* 210 2. H 642. f G. 9. 1 P. 1177. 2. & qr? 64. f. 1. & 3. *Lob.* 8. 1. B 10. 1 Chabr 106. 3. Jonſt. 10. 1. B. Ox. 191. 8 Very common in *Meadows* in *April*, &c.

50. Slender *Corn* Fox-tail. Gr. *Alopec.* ſegetale, *Nob.* R. 1261. 4. S. 183. 3. d. 251. 1. CB. 4. 5. pt. 12. 49. Th. 53. f. *Tab.* 209 1. H 641. 1. G. 9. 4 P. 1169 f. *Lob.* 9. 2. B. 11. 2. Jonſt. 11. 4 H. Ox. 192. 12. T. 4. f. 2. f. opt, qr? *Chabr.* 185. 5. Frequent in *Corn*, &c. from *May* to *Auguſt.*

51. Dales *Fox tail* with crooked *Beards.* Gr. *Myoſuroides* ſpica breviore, ariſtis recurvis, R. 1269. 8. S. 184 1. d. 251. 2. B. Ox, 192. 17. In moiſt Places and Path ways. It *ſpikes* in *Autumn.*

52. Water *Fox-tail.* Gramen *Alopec.* aq. geniculatum, *Nob.* R. 1264. 2. S. 182. 2. d. 250 2. CB. 3. 2. pt. 8. 24 Th. 42. f. *Tab.* 217 1. H. 654. 2. G. 13. 2. P. 1275. 8. f. *Lob.* 13. 1. B. 14. Jonſt. 14. 2. Bob. Ox. 192. 15. T. 4. f. 2. f. opt. Very *common* in ſhallow and dry *Ponds* in May and *June.*

53. Long *Cats tail* Graſs. Gramen *Typhinum* maximum, CB. 4. 1. prodr. 10. 25. f. pr. 11. 44. Th. 49. f. Park. 1170 1. f. H. Ox. 193. 1. T. 4. f. 3. f. qr? *Chabr.* 185. 3 I ſometimes meet with a Graſs in *meadows* which theſe *Figures* reſemble.

54. Common *Cats tail* Graſs. Gramen *Typhinum* vulgare, R. 1267. 2 S. 183. 1. d. 251. 1. CB. 4. 1. Th. 51. f. *Tab.* 217. 2. H. 655. 1. Ch. 185. 1. G. 10. 1. B. Ox. 194. 2. In *Path-ways* by *Hedges* and *Paſtures.*

55. Bulb *Cats-tail Graſs.* Gramen *Typhinum* bulboſum, R. 1267. 3. S. 183. 2. d. 251. 2. CB. 4. 4. pt. 46. & 7. Th. 52. f. Chabr. 185. 2. & 4. *Tab.* 218. 1. H. 655. 2. G. 10. 2. *Lob.* 10. 1. B. 11. 3. O. 10. 1. Dod. 562. 1. J. 12. 1. *Lugd.* 433. 2. *Park.* 1170. f. 2. & 3. Bob. Ox. 194. 3. T 4. f. 3. f. It's leſs, and found with the *Common* in *June*, *July*, &c.

56. Sea *Cats-tail Graſs.* Gramen *Typhinum* maritimum minus, R. 1267. 4. S. 183 3. d. 252. 3. qr? *Park.* 1170. f. 4 I have found this on the *ſandy Shores* both here and in *Holland.* It *Heads* in *June*, &c.

SECT. VII. *Gramina* Criſtata, &c. *Creſted* and other *Graſſes.*

57. Smooth *Creſted Graſs.* Gramen Criſtatum vulgare, R. 1269. 3. S. 184. d. 252. 2. CB. prodr. p 8. pl. 18. varietas. Adv. 467. f. opt. *Park.* 1160. f. 3. Theſe two *Figures* very accurately repreſent this *Graſs*, ſo common in our *Meadows.*

58. Square *Creſted Graſs.* Gramen *Criſtatum* quadratum, R. 3 p. 603. 2. Syn. ed. 252. 1. A luxuriant *Variety* of the *Common.*

59 Looſe *Creſted Graſs.* Gramen *Criſtatum* ſpica laxa, CB. 3. 1. pr. 5. 12. pr. 8. 18. f. Th. 43. f. P. 1160. 1. f. *Chabr.* 184 2. I have met with this *looſe ſpiked Graſs* in

in *Greenwich*-Park and elſe-where, but *not* common.

61 * Hairy *Creſted Graſs*. Gramen ſpicâ *criſtatâ* ſubhirſutum, CB. 3. 2 pr. 8. 19 Th. 43. 2 *Park.* 1160. f 2 B Ox. 192 Ch

Ger. 6. f. 2. Its lower Leaves very hairy. In the *Hedges* beyond *Botley* near *Oxford*.

94 *Jersey* upright *Drank*. Festuca *Avenacea* sterilis, *paniculis* confertis erectionibus, aristis brevioribus, R. S. ed. 261. 4. B. Ox. 212. 13. T. 7. S. 2. f. opt. On sandy *Sea-shores*, as about *Sand-down Castle*, where Mr. *James Sherard* also found it. *Spikes* in *June*.

95 *Doody's* fine awned *Drank*. Gramen *Avenaceum* glabrum, *paniculâ* è spicis raris strigosis composita, *aristis* tenuissimis, R. 1909. Syn. 192. 6. d. 262. 9 B. Ox. 214. 13. By *Rivulets* and *Ditches* in divers Places.

96 Darnel *Hedge-Drank*. Gramen *Avenaceum* dumetorum spicatum, R. 1262. c. 6. 1. S. 181. d. 249. B. Ox. 214. 33. It *spikes* after *Midsummer*, in *Wood-Hedges*, and *Thickets*.

97 *Ray's* Hedge *Drank*. Gramen *Avenac.* dumet. *paniculâ* sparsâ, R. 1289. 8 S. 192. 5. d. 261. 8. B. Ox. 213. 26. It tufts in *June* and *July*, &c. in *Thickets* and *Wood sides*.

98 *Bobart's* hairy Hedge *Drank*. Gramen *Avenacea* dumetorum *paniculatum* majus hirsutum, B. Ox. 213. 27. T. 7. S. 2 f. opt. *Found* with the last, but is more hairy and longer Pedicles.

99. Capons-tail *Grass*, Ray 1286. 15. S. 189. 12. d. 258. 13.
Gramen *Murorum* spicâ longissimâ, *Jonst.* c. 22. p. 29 f. 2. P. 1162. f. 8. B. Ox. 215. 43. T. 7. S. 3. f. opt. *Lob.* illust. 7. On *Walls* and dry barren Places from *May* to *August*.

100 Ray's *Cocks tail*. Gramen paniculatum *Bromoides* minus, *paniculis* aristatis unam partem spectantibus, Ray 1287. 16. S. 189. 13. d. 258. 14. *Pluk.* 33. f. 10. B. Ox. 215. 44. In *Stubble* and *dry* Ground.

101. *Mersey* Drank. *Festuca* sterilis, humilima *spicâ* unam partem spectante. Its *Spikes* short and broad with larger *Husks*. Found by Mr. *Dale* in *Mersey-Isle* near *Colchester*.

102. *Common* hoary *Gross-Oat*. Festuca *Avenacea* hirsuta, *paniculis* minus sparsis, Ray 1289. 6. S. 191. 3. d. 261 5. B. Ox. 213. 18. T 7. On *Walls*, *Field-sides*, *Meadows*, &c. nothing more common from the End of *April* till *August*.

103. *Smooth* Meadow *Gross Oat*. Gr *Avenac.* pratense, *glumâ* tenuiore glabra, B. Ox. 213. 19. T. 7. f. opt. In Meadows with the last, but more rare.

104. *Dale's* smooth *Grass-Oat*. Festuca *Avenacea*, spicis strigosioribus, glumis glabris compactis, R. 1909. S. 191. pl. ult. d. 261. B. Ox. 215. 47. Its Leaves hoary and *Spikes* mostly purplish.

105. *Smooth* German *Gross Oat*. Festuca *Avenacea*, spicis habitioribus, *glumis* glabris, R. 1289. 7. S. 192. 4. d. 261. 5. B. Ox. 212. 16. T. 7. f. Chabr. 177. f. 2. Grows in *Corn*.

106. *Hoary* German *Grass-Oat*. Festuca *spicis* habitioribus, *glumis* incanis. qr? Cl[illegible]. pt. 23. 103. Th. 143. f. opt. *Grows* with the last, but more rare.

107. *Sherard's* tall *Gross Oat*. *Festuca* elatior, *paniculis* minus sparsis, *Jonst.* [illegible] aristatis, purpureis splendentibus, *Doody*, Ray Syn. [illegible] Dr. *Sherard* found this amongst the *Corn* near *Southampton*. *Spikes* in *June*, &c.

SECT. X. De *Tremulis*, Miliaceis &c. *Quaking Grass*, Millet's, &c.

108. *Cow quakes*, *Quaking-Grass*. *Ladies-hair*, R. 1274. 3. S. 185. d. 253. ult.
Gramen *Tremulum* majus, CB. 2. 2. pt. 9. 37. Th. 22. f. opt. Tab. 231. 1. H. 665. 2. G. 80. 2. J. 86. 2. B. Ox. 203. 45. T. 9. f. 2. f. opt. P. 1165. f. 2. var. Chabr. 184. 4. f. 1. qr? Clus 218. f. 2. Well known in *Meadows* from *May* till *Michaelmas*.

109. Jersey *Quaking-grass*. Gramen *Tremulum* minus, paniculâ amplâ, loculis parvis triangulis, *Ray* Syn. ed. 254. 2. B. Ox. 203. 47. T. 6. f. 2. f. opt. Pluk. Amalth. 110. pl. 7. qr? *Trag.* 670. f. Dr. *Sherard* first found this in *Jersey*.

110. *Sweet* Water-*Millet*. Gramen *Miliaceum* aquaticum, R. 1281. 8. S. 187. d. 255. 1. & 325. Merretr. pin. B. Ox. 202. 29. CB. 1. 6. pr. 2. p. 1. Th. 6. p. 13. *Lob.* illustr. 10. qr? C.B. pr. 15. p. 7. B. Ox. 201. 27. Frequent about *London* in slow or standing Waters from *May* to *August*.

111. Wood-*Millet*, R. 1282. 1. S 187. d. 256. 2.
Gramen *sylvaticum* panicula *Miliaceâ* sparsâ, CB. 8. 1. pt. 7. 21. Th. 141. f. *Tab.* 205. 2. H. 639. 2. G. 6. 1. P. 1153. 1. *Lob.* 3. 2. B. 6 1. *Pod* 561. f. 2. J. 6. 1. B. Ox. 197. 10. T. 5. S. 2. f. opt. In *Woods* from Mid *May* till *Autumn*.

112. *Irish* Millet. Gramen Montanum *Miliaceum* minus, *radice* repente, Ray Syn. ed. 256. B. Ox. 197. 12. defcr. Dr. *Sherard* gathered this on the *Mountains* of *Mourn* in *Ireland*.

113. *Great* Water *Millet*, R. 1280. 1. S. 186. 1. d. 254. 1. *Milium* aquat. majus, *Nob.* Gramen *aquat.* latifol. CB. 3. col. 1. pl. 4. pt. 1. 22. Ic. 7. Th. 40. f. *Ger* 6. f. 2. Tab. 216. Ic. 1. H. 653. f. 2. *Lob.* 4. Ic. 1. B. 6. f. 2. Jonst. 6. f. 2. P. 1274. f. 2. B. Ox. 201. 25. T. 6. f. 1. f. Very common by River Sides in *June*, *July*, &c.

114 Bent *Millet*, R. 1283. c. 7. S. 187. 1. d. 256. 1.
Gramen *Miliaceum* segetale majus *Nob.* Gramen *segetum* altiss. paniculâ sparsâ, CB. 3 pt. 18. p. 7. Th. 34. f. 3. G. 5. f. 1. Tab. 203. Ic. 2. H. 638. f. 2. P. 1158. f. 3. B. OX. 199. 1. T. 5. f. 2. f. opt. Lob. 2. Ic. 2. B. 5. f. 2 G. 5. f. 1. *Chabr.* 181. fig. mid. 5. I. B. 464. f. d. The *Country-People* call these *Bents*, and adorn their *Chimneys* with it. Its *Glumes* are shining and without *Beards*. It *tufts* in *May* and *June*, in wet Rushy Pastures and amongst *Corn*.

115 Small red *Bent*-Millet, R. Syn. 187. 1. d. 256. 1. Var. Gramen *Miliac.* minus, pulchrè rubens.
Found in divers *Forests* in *Westmorland*.

116. Narrow *Millet*-Grass. Gramen. *Miliac.* fol. angustissimo. Its *Leaves* long and very narrow, the *Glumes* plain and not thick set. *Tufts* in *June* and *July* in shady *Thickets*, &c.

117. Narrow Fine *Millet* Grass. Gramen *Miliac.* angustifol. glumis perexiguis. Its Leaves shorter than the last, but narrow, the *Panicles* much spread with very small *Glumes*. Tufts in *July* in the *Grove* at the upper End of *Greenwich-Park*.

118. Great brown *Meadow Millet*-Grass.
Gramen *Miliac.* majus *paniculâ* spadiceâ. qr? R. pr. 12. p. 6. Its *Tufts* large and brown, controled of fine forked or gaping beardless *Glumes*. In dry hilly Pastures in *June* and *July*.

119. Great green *Meadow Millet*-Grass. Gramen *Miliac.* maj. panic. viridi. In *Meadows* by River-sides in *June* and *July*.

120 Small red *Meadow Millet*-Grass, R. 1286. 13. S. 189. 10. d. 258. 10.
Gramen *Miliac.* minus, *paniculâ* rubente. qr? B. Ox. 199. 4. Common in *Meadows* in *May* and *June*

121. *Buddle's* Wood *Millet*-Grass. Gramen *Miliac.* sylvestr. *glumis* oblongis. First discovered by him in *Bishops-Wood*, Hampted.

122. Great brown *Bearded Millet*-Grass. Gramen *Miliac.* majus, *glumis* aristatis spadiceis *Nob.* R. 1284. c. 9. pl. 2. S. 187. 3. d. 256. 3. B. Ox. 200. 17. T. 5. S. 3. f. CB. 3. 4. pt. 19. p. 7. Th. 35. f. G. 5. f. 2. Tab. 212. f. 2. H. 648. f. 4. *Chabr.* 181. f. 4. 1. I. B. 461. f. *Lob.* 3. Ic. 1. B. 5. f. 3. *Jonst.* 5. f. 2. P. 1158. f. 3. Divers *Authors* have transposed the *Synonyms* of this *Grass* to the *Bent-Millet*; but *Lobell's* Figure gives its fine *Beards*, by which it is easily distinguished from *Gr.* C. 114.

123. Great pale *bearded* Millet-Grass. Gramen *Miliac.* majus, *glumis* aristatis pallidis. *Grows* with the last in moist *Meadows*, and amongst *Corn*.

124 Soft *Meadow Millet*-Grass, R. 1285. 7. S. 188. 6. d. 257. 6.
Gramen *Miliac.* prat. molle, *Nob.* B. Ox. 202. 34. T. 6. S. 1. f. CB. 2. 1. pt. 17. p. 6. pr. 5. f. opt. 2. Th. 27. f. d. *Chabr.* 183. 3. J. B. 465. f. d. 3. *Lugd.* 425. f. 1. *Jonst.* 1. 1. c. 22. pl. 6. It *tufts* in *June*, &c. in *Meadows* very common.

125 Soft bearded *Corn-Millet*, Ray 1285. 8. S. 188. 7. d. 257. 7.
Gramen *Miliac* aristatum molle *Nob.* B. Ox. 202. 35. qr. *Lob.* pt. alt. 467. f. 2. *Chabr.* 180. f. 3. J. B. 457. f. *Differs* from *Gr.* C. 124. in having a long creeping *Root* and short *Beards*. In *Clayey* and *Corn-Fields*. *Tufts* in *June*, &c.

126. Small, soft, *Sea* Millet-Grass, *Ray* H. pl. 1273. pl. 8.
Gramen *Miliaceum* marit. molle, *Nob.* CB. 5. p. 5. Th. 5. p. 74. f. *Lob.* pt. alt. 466. f. opt. *Chabr.* 182. f. 1. J. B. 463. f. 2. B. Ox. 202. 30. *Lob.* illust. 8. pl. 1. *Lobel* first discovered this on the Coast of *Kent*, and Mr. *Buddle* since him, in *Suffolk*.

SECT. XI. Gramina *Paniculata* Pratorum, &c.

127. Great *Meadow Grass*, R. 1285. 4. defcr. opt. S. 188. 5. d. 275. 5.
Gramen *Prat.* panicul. majus, latiore folio, CB. 2. pt. 7. p. 4. Th. 28. f. 2. Ger. 2. f. 1. *Tab.* 200. f. 1. H. 636. f. 2. *Lob.* 1. f. 1. B. 4. f. 1. O. 9. f. 1 Jonst. 2. f. 1. P. 1156. f. 4. Very common in *Meadows*, *Pastures*, &c.

128. Great, narrow *Meadow-Grass*, R. 1285. 5.
Gramen *prat.* panic. majus, angustiore folio, CB. 2. pr. 10. p. 5. Th. 3. p. 29. B. Ox. 201. 19. T. 5. f. 3. f. opt. Its *Panicles* slender, with small *Glumes*. In *Thickets*, *Pastures*, &c.

129. Middling *Meadow*-Grass, R. 1285. 6. S. d. 257. 1. B. Ox. 201. 20.
Gramen *Prat.* paniculatum medium, CB 2 pt. 8. p. 4. Th. 5. p. 30. f. G. 2. f. 2 Tab. 231. Ic. 1. H. 637. f. 1. *Lob.* 1. Ic. 2. B. 4. f. 2. J. 2. f. 2. P. 1156. f. 2. *Lob.* illustr. 1

Its

ter Leaves and upper *Stalks* ſmoother than 127. with *Tufts* leſs ſpread. In *Paſtures* and *Hedges*.

130. Flat-ſtraw'd *Meadow-Graſs*. Gr. *Prat.* medium, culmo compreſſo. Mr. *Buddle*, that accurate *Graminiſt*, obſerved this on the Walls of *Malden* in *Eſſex*, and amongſt the *Corn* in *Suffolk*. It differs from the *laſt* in having flat *Stalks* with fuller *Glumes*, and Flowers *later*.

131 *Common* ſmall *Meadow-Graſs*.
Gramen *Prat.* minus, ſeu vulgatiſſimum, R. 1284. 3. *deſcr.* ejus. S. 187. 4. d. 256. 4. P. Ox. 201. 21. T. 5. f. 3. f. opt. CB. 6. c. 2. p. 2. pt. 14. p. 6. Th. 31. f. *Chabr.* 182. f. 3. I. 1. 465. f. 1. G. 3. f. 1. & 2. J. 3. f. 2. P. 1156. f. 3 & 4. T. 207. f. 1. & 2. H. 639. S. 41 & 40. f. 1. Well known and very *common* in *Paths*, *Paſtures* and *moiſt Places*, from *Spring* to *Autumn*.

132. Common *Paniced* Sea-Graſs. *Gr.* paniculatum *maritimum* vulgatiſſimum, R. 1286. 12. S. 190. 17. d. 259. 18. Common in *Salt Marſhes*, tufts in *June*, &c.

133. Great *paniced* Sea Graſs. *Gr.* panic. *marit.* major, R. 1286. 12. var. S. 190. 17. var. d. 259. 18. var. Its *Stalks* much *thicker* and *taller* than the laſt.

134. Lavander *Graſs*, R. 1288. 26. S. 190. 2. d. 260 21. *Gr.* pratenſe ſpica *Lavandulæ* Merret. B. Ox. 201. 22. T. 5. f. 3. opt. CB. 7. p. 7. Th. 98. 7. Trag. 684. 2. *Spikes* in *July* in moiſt *Meadows*, Woods, &c.

135 Sea *Haver-graſs*, R. 1286. xi. S. 190. 18. d. 259. 19. *Feſtuca* marit. *locuſtis* latis. *Found* plentifully on the Sandy Shores at *Yarmouth* in *June*.

136 *Ray's* great Meadow *Haver*, R. 1285. 9 S. 188. 8. d. 257. 8.
Feſtuca pratenſis major *Nob.* Gr. fol. *junceis* brevibus majus *vel.* nigra. CB. 5. pr. 34. p. xi. Th. 2. p. 73. B. Ox. 183. 14. *Common* in Meadows. *Tufts* in *May* and *June*.

137 *Ray's* ſmall Meadow *Haver*, R. 1288. 23. S. ed. 260. 23.
Feſtuca prat. minor *Nob.* Gr. foliolis *junceis* brevibus minus, CB. 5. pt. 35. p. 9. Th. 73. f. 3. Bob. Ox. 182. 13. T. 3 f. 1. f. opt. *Park.* 34. f. 2. *Lob.* 7. Ic. 1. B. 9. f. 1. O. 9. 2. Jonſt. 4. f. 3. P. 1183 t. 4. G. 4. f. 3. Tab. 208. Ic. 1. H. 640. f. 3. I. B. 2. l. 18. p. 493. c. 68. ſec. *deſcr.* *Tufts* in *May*, &c. in dry ſandy high Ground.

138 Hard *Wall*-Graſs, R. 1287. 17. S. 189. 14. d. 259. 15. *Gr.* paniculâ multiplicis, CB. 7. p. 3. pr. xi. p. 6. f. Th. 32. f. 7. P. 1157. f. 5. B. Ox. 182 9. T. 2. f. 3. f. *Barrel.* 1212. Ic. 49. Very common on *Brick Walls* and dry Ground in *June*, &c.

139 Yellow *Spring* Graſs, R. 1268. c. xi. pl. 1. S. 183 d. 252.
Gr. prat. *ſpicâ* flaveſcente, CB. 3. col. 3. p. 3. pt. 9. p. 4. Th. 34. f. 3. *Chabr.* 183. Ic. 1. I. B. 466. f. 1. *Barrel.* 1181. Ic. 124. f. 1. B. Ox. 192. 25. T. 4. f. 2. & T. 7. f. 3. Appears amongſt the firſt in the *Spring* in moſt *Meadows*.

140 Great *Childing*-Graſs. Gr. *Proliferum* majus fol. latiore, *Nob.* B. Ox. 200. 12. T. 5. f. 3. f. ult. On *Carnedg Llhwellyn* and other *Welch* Mountains.

141 Small *Childing*-Graſs. Gr. *Proliferum* minus, capillaceo folio *Nob.* B. Ox. 200. 13. R. 1270. 10. S. 184. d. 252. On the Tops of *Snowdon*, *Caderidis*, &c. plentifully.

CAP. III. *Cyperi*, Cyperoidea, & *Gram.* Cyperoides.
Cyperus's, Cyperoides, and *Cyper-Graſſes*.

SECT. *I.* Cyperi. *Cyperus's*, Ray H. Plant. 1299.

142 Long ſweet *Cyperus*, Ray 1299. 1. S. 199. 1. d. 270. 1. Cyperus *odoratus* rad. longâ, *ſive* Cyperus *offic.* CB. 14. 1. phyt. 36. p. 5. Th. 216. f. 1. *Dod.* 338. f. 2. Ger. 28. f. 1. *Tab.* 656. f. 1. Hiſt. 341. f. 1 *Lob.* Ic. 752. Ad. 37. Belg. 107. f. 2. obſ. 40. f. 1. *Jonſt.* 30. c. 24. f. 1. Park. 146. f. 3. & 4. *Chabr.* 149. f. 2. I. B. 2. l. 18. p. 501. f. 1. Ox. B. 237. 13. T. 10. f. 2. f. *Found* in *Purbeck Iſle* near a Chapel on the Side that looks towards *Portland*-Iſland. *Flouriſhes* about *September*.

143 Long *Marſh* Cyperus, R. 1296. 1. S. 197. 1. d. 270. 2. *Gr. Cyperoides* paniculâ *ſparſâ* major, CB. 6. 7. phyt. 65. p. 15. Th. 86. fig. bonâ. *Lob.* Ic. 20. I. B. 21. f. 1. Chabr. 189. f. 3. I. B. 2. l. 18. p. 495. f. *Jonſt.* 30. c. 24. f. 2. Park. 1266. f. 6. Ox. B. 238 25, T. xi. f. 2. f. *Inſt.* 527. Theſe *Panicles* ſpread more than the next, and ſtand 3, 4, or 5 on a Pedicle. *Flouriſhes* in *July* and *Auguſt* in moſt Fens, and in the *Thames* plentifully.

144 *Round* Marſh *Cyperus*, R. 1300. 6. S. 200. 2. d. 270. 3. Cyperus *rotundus* inodorus *Germanicus*, CB. 14. 3 Prodr. 24. fig. Th. 215 f. 3 *Park.* 1264 f. 4 Its *Panicles* are cloſer ſet; but its *knobby Roots* peculiarly diſtinguiſh it from the laſt. Very common in *Auguſt* and *September* in moſt *Salt* Marſhes.

145 Ruſh *Cyperus*, Ray 1300. 7. Syn. 200. 3. ed. 271. 5. Cyperus *longus* inodorus *Germanicus*, CB. 14. 4. phyt. 36. p. 7. Theat. 221. *f.* 3. Lob. *Ic.* 76. 1. *B* 109. *f* 1. Jonſt. 29. *f.* 3. *c.* 21. *Park.* 1294. *f.* 1. Chabr. 195. *f.* 2. I. B. 2. l. 18 p. 504 *f.* 1. Ox. B. 237. 24 T. xi. *f.* 3. *f.* 24. & prox. *Boc.* 72. *f.* opt. Inſt. 528. This partaking both of the *Ruſh* and *Cyperus*; it's eaſily known from all others. *Flouriſhes* in *May* and *June* by the *Sea* Side in *Cornwal*, and on *Hinton Moor* plentifully.

146 Millet *Cyperus*, Ray 1301. 10. Syn. 200. 4. d. 271. 5.
Gramen Cyperoides *Miliaceum*, CB 6. 13. phyt. 64. p. 15. *Th.* 90 *f.* 12. opt. *Lugd.* 988. *f.* & 993 *f.* 1 Chabr. 195. 3. 1. *B.* 2. l. 18. p. 504. *f.* 2. *Park.* 1171. *f.* 2 Adv. 38. *f.* *Lob.* Ic. 79 *f.* 1. *B.* 109. 1. Jonſt. 30. *f.* 5. *c.* 21. Ox. B. 237. 15. *T.* xi. l. 2. *f.* opt. 15. This is a *ſpecious Cyperus*, and eaſily known by its Figures. *Grows* in ſome watry Places as about *Hampſtead* and elſewhere, in *June*, &c.

147 *Jonſtons's* ſmall *white* Cyperus, *Park.* Tab. 34. *f.* xi. *Gramen* Cyperoides *paluſtre* leucanthemum, *R.* 1295. 13. S. 19. xi. d. 266. 15. Gramen *Cyp.* albis glumis, *Merret.* 51. Gramen *Junceum* leucanthemum, *Jonſt.* l. 1. c. 22 pl. 7. p. defer. This is a kind of Gramen *Lacuſtre* Chabr. 188. *f.* 3. *Grows* plentifully in a large low Bog between *Wickam* and *Croydon*. Flouriſhing in *Auguſt*.

148 *Bobart's* ſmall *brown* Cyperus.
Cyperus *minor angulioſ.* paluſtris, *capitulis* fuſcis *paleaceis*, Bob. Ox. 230. 40. *T.* xi. ſer. 3. *f.* ult. A *Variety* of the *laſt*; I *found* this plant fully in a *Bog* between *Southampton* and *Limington* in *Auguſt*.

SECT. *II.* Cyperoides *Juliferæ*, Ray.
Cyper-jules, *or* Cyperoides *bearing* Jules.

140 *Cyperoid* with ſhort pendulous *Spikes*, Ray 1294. 8. Syn. 195. 7. ed. 265. 10
Gramen Cyperoides, *ſpicâ* pendulâ *breviore*, CB. 6. 5. phyt. 63. p. 14. *Theat.* 85. *f.* 5. *Dod.* 330. *f* *Lob. Ic.* 76. 2. *B.* 109. *f.* 2. *Jonſt.* 29 *f.* 2. *c.* 21. *P.* 1260. *f* 4. *Chabr.* 189. 1. *f.* 6. *I. B.* 3 l. 18. p. 496. *f.* 3. *Ox. B.* 242. 5. *T.* 12. *S.* 1 *f.* E. B. 421. *Inſt.* 529. pl 4. *Differs* from the next in having ſhort conical *Spikes*, with one *Jule*, amongſt four or five *Spikes*. *Found* in ſlow running *Ditches*, in *June*, &c.

150 Cyperoid *with* long *hanging* Spikes. *R* 1294. 6 Syn. 195. 8. ed. 265. xi. *Gram.* Cyp. *ſpicâ* pendulâ longiore & anguſtiore CB. 6. 6. prodr. 42. p. 13 *Th.* 85 6 *Park.* 1207 5. Burell. 1255. *Ic.* 45. Ox. *B.* 242. 4. *T.* 12. *S.* 1. *f.* 4. opt. E. B. 421. *Inſt.* 529. pl. 5. This is a very tall Graſs, with generally 5 long *Spikes* hanging at Diſtances. *Found* in wet *Ditches*, in *June* and *July*.

151 *Ray's* Cyperoid *with* upright *Spikes*.
Gramen Cyp. *polyſtachion majus*, ſpicis *teretibus erectis*, Ray 1294. 6. *S.* 195. 6. d. 265. 8. Ox. *B.* 242. 8 *T* 12. ſer. 2. *f.* opt. Its *Stalks* bluntly ſquare with 3 or 4 *upright Spikes*, terminating generally with 3 *Jules*. Grows in ſhallow *Pools*.

152 *Bobart's* Cyperoid *with* yellowiſh *Wheat ears*.
Gramen *Cyp.* majus præcox, *ſpicis* turgidis teretibus flaveſcentibus, *Bob.* Ox. 242. 6. *T.* 12 *S.* 1. *f.* 6. opt. Theſe *Spikes* are thicker than the laſt, reſembling a *naked* Wheat-ear. By *Rivers* in *April*.

153 *Ray's* Hoary *Cyperoid*, Park. Tab. 34 f. 6. opt.
Gr. *Cyperoides* polyſtachion lanuginoſum. Ray. 1294. 4. *S.* 194. 4. d. 265. 6. Ox. B. 243. 10. Its lower *Spikes* much diſtant from the upper, the whole Plant ſomewhat *hoary*. It *Flouriſhes* in *May* and *June* in moiſt *Meadows*.

154 Dr. Liſter's *Cyperoid*, Ox. B. 243. 18 T. 12. *S.* 1. f. *Gr.* Cyp. *ſpicis* parvis longiſſimè diſtantibus, *Ray* 1295. 10. S. 195 9. d. 266, 12. A tall ſlender *Graſs* compoſed of 3 or 4 ſhort *Spikes*, the loweſt much diſtant from the reſt and attended with a longer Leaf. *Flouriſhes* about *June* in a Bog between *Wickham* and *Croyden*, near the *Viola* paluſtris.

155 Dale's *long-ſpiked* Cyperoid,
Gr. *Cyp.* polyſtachion majuſculum latifol. *ſpicis* multis longis ſtrigoſis, *Ray* Syn. ed. 265, 9. This is of kind with the next, but very much bigger. Firſt *diſcovered* by *Mr. Sam. Dale*, in a Lane at Black-Notley in the Road to *London*. It flouriſhes in *June*.

156 *Parkinſon's* ſlender-ear'd *Cyperoid*.
Gr. *Cyp.* ſylvarum tenuiùs ſpicatum, *Park.* 1171 f. 3 Lob. *illuſtr.* 60. Ray 1295. xi. S. 196. 10, &. 266. 14. Ox. B. 243. 9. T. 12. f. 2. f. opt. Very *Common* in moſt *Woods*, where it may be eaſily diſtinguiſh'd by its ſlender Spikes, which appear in *June*.

157 *Great* broad-leaved *Spring* Cyperoid *R.* 1293. 1. S. 194. 1. d. 264. 1. Gr. *Cyp.* latifol. *ſpica* ruſſa, *ſive* caule *triangulo*, CB. 6 1. phytop. 1258 p. 13 Th. 83 f. 1. *Park.* 1266. f. 1. Jonſt. 12. f 1. Lob. Ic. xi. f. 1. B. 13. f. 1, *Tab.* 218. Ic. 2. Hiſt. 655. f. 3. *Ger.* 29. f. 4. Chabr. 189. f. 1. I. B. 2. l. 18. p. 494. f. 3. *Ox.* B. 242. 1. T. 12. f. 1. f. *Inſt.* 529. pl. 1. *Baſil.* Cat. 7. *Pet.* 2. 363. We have a *graſs* reſembling theſe *Figures*, very common by *Brooks* and *River* ſides, *Flouriſhing* in *May*.

158 *Great*, narrow-leav'd *Spring* Cyperoid, *Ra.* 12. 93 2 S. 194 2 d. 264 2 Gr. *Cyp.* anguſtifol. *ſpicis* longis erectis, CB. 6 4 *phyt* 58 p. 14 Th. 84 f. 4 Lob. Ic. xi f. 2 B. 13 f. 2 Chabr. 189 t. 1 *var.* I B. 2 l. 18 p. 494 f. 2 *Ox.* B. 242 3 T. 12 f. 1 f *Inſt.* 529 pl. 10 The *Graſs* reſembling theſe *Figures* is ſmaller then the laſt tho' near as tall, with narrow Leaves. *Flouriſhes* by Water-Sides, in *May* or ſooner.

159 *Parkinſon*'s leſſer narrow-leav'd *Cyperoid*.
Gramen *Cyp.* minus *anguſtifolium*, Park. 1266 f. 3.

Mr. *Ja. Sherard*, firſt obſerv'd this in a Pond near *Eltham* in *Kent*, about the End of *May*: and Mr. *Rand*, in the Ditches at the *King's Arms* againſt *White-hall*.

160 *Small* upright *Clove-leaved* Cyperoid.
Gramen Cyp. *fol.* Caryophylleis, *ſpicis* erectis *ſeſſilibus*, è *ſeminibus* confertis compoſitis, *Ray* ſyn. ed. 2 p. 264 4.

Its *Spikes* on ſhort or no *Footſtalks*. Very *common* in *May* and *June* in *moiſt* Meadows.

161 *Bobart*'s ſmall *Cyperoid* with *ſhort* Heads.
Gramen *Caryophylleum*, anguſtiſſimis *foliis*, ſpicis *ſeſſilibus* breviorib us *erectis* non compactis *Ox.* B. 243 12. This has commonly but two ſhort ſeſſil *Heads* with one *Jule* at top. *Grows* by *Wood ſides* and in moiſt *Meadows*.

162 *Small* pendulous *Clove leaved* Cyperoid.
Gramen Cyp *fol.* Caryophylleis, *ſpicis* oblongis è *pediculis* longioribus *pendulis*. Ray Syn. *ed* 2 p. 264 5. *Differs* from the laſt in having its *Stalks* more triangular, its *Spikes* on long Footſtalks, and pendulous when ripe. It *Flouriſhes* in *May* and *June* in wet *Meadows*.

163 Ray's *Round-grained* Bog-Cyperoid.
Gramen Cyp. *fol.* Caryophylleis, *ſpicis* è tarioribus & tumidioribus *granis* confertis, *R.* Syn. 194, 2 *Kar.* ed. 264 3 *Pluk.* 91 f. 3 Ox. B. 243 13. On *Chiſtleburſt* and other *Bogs*, in *July*. Its ſwelled *Grains* and Place, *differ* it from the *foregoing*.

164 Ray's *Vernal* Cyperoid.
Gramen Cyperoides *vernum minimum*, Ray 1294 7 S. 169 12 ed. 266 16 *qr?* CB. 3 6 phyt. 52 *p.* 13 *Lob.* Ic. 10 f. 2 & 3. This *ſpikes* early in the *Spring*, viz. about the Middle of *April*.

165 *Doody*'s ſoft-leaved *Hampſtead* Cyperoid.
Gramen Cyp. *ſpicis* brevibus congeſtis, *fol.* mollibus, *Ray* 1910 Syn. 196 14 d. 267 18 *Pluk.* 91 *f.* 8 Ox. B. 245 33. It has 2, 3, or 4 ſmall cloſe roundiſh *Heads*, with one *Jule*. Found on *Hampſtead Heath*, about *June*.

166 *Vernon*'s ſmall Headed *Cyperoid*, on long Stalks.
Gramen Cyp. *ſpicis* habitioribus. *pediculis* longiuſculis, *R.* Syn. ed. p. 267 18 var. *Differs* from the *laſt*, chiefly in having *Pedicles* to its *Heads*.

167 *Doody*'s Croydon bog *Cyperoid*.
Gramen *Cyp.* una alterave *ſpica* rotunda præter caſſam, *R.* Syn. *ed.* 345 Its Leaves ſhort and ſoft, the *Heads* cloſe, round and ſwelled; each attended with a Leaf. *Grows* about a *Foot* high in *Croyden-Bogs*, with the *Viola* paluſtris *in* July.

168 *Ray*'s yellowiſh *Short-headed* Cypereid.
Gramen *Cyp.* polyſtachion flavicans, *ſpicis* brevibus propè ſummitatem caulis, *R.* 1294 5 Syn. 195 5 ed 265 7. This has commonly but 2, rarely 3 *Heads*, on ſhort *Footſtalks* near its *Jule*; its *Grains* are not ſo pointed as the next; *Heads* about *June*.

169 Tall *Hedgehog* Cyperoid. *Cyperoides* echinatum majus. This has rarely more than 2 ſeſſil or cloſe ſharp grained *Heads*, near the Top, the low r bearded, with a long Leaf. *Grows* plentifully in a Meadow with the *Cuſium Anglicum* near *Cambridge*, where I got it in company with Mr. *Ja. Sherard*, about the *middle* of *June*, 1715.

170 *Vernon*'s diſtant-headed *Hedgehog* Cyperoid.
Cyperoides *echinata*, capite longè di ante, *Nob.* Ray *Syn.* ed. 267 pl 21. Its *Heads* very like the laſt, but the lower one ſtands on a Pedicle 6 Inches below the other.

171 *Small* Marſh *Hedgehog* Cyperoid, *R.* 1296 15 S. 196 13 ed. 267 17 Ox. B. 243 19 T. 12 ſ. 2 f. Gramen *paluſtre* echinatum, *Lob.* Ic. 15 1 *B.* 16. 1. *Jonſt.* 17 *f.* 1. Our *Graſs* very well agrees with theſe *Figures*, being in all its Parts leſs than the 2 laſt. Very *common* in *July*, in *Bogs* and moiſt *Meadows*.

172 *Flea* Cyperoid. *Cyperoides* pulicare, *Nob.*
Ray 1298 12 Syn. 199 12 ed. 269 12 Ox. *B.* 244 21. T. 12 ſer. 3 f. opt. *Pluk.* 34 f. 10. *Its* Flea-like *Grains* hanging downward differ it from all others. *Found* in *Moorish* and *Boggy* Places from *Mid-may* to *July* End.

173 Bobart's *Jule* Cyperoid *Ox. B.* 244 22 *T.* 12 f. 3 f. opt. *Gramen* Cyperoides *ſpeciâ* ſimplici *caſſâ*, Ray Syn. *ed.* 247 20 Its *Leaſe* very narrow and ſhort, with a ſlender half inch brownish *chaffey Spike*, like the *Club-rush*. *It* grows about half a Foot high in *moorish* ſpongy Soil, about *Hockley* near *Oxford*.

SECT. *III. Gramen* Cyperoides *ſpicis* tantum *Seminiferis*.
Cypergraſſes *without* Jules.

174 *Panick* Cypergraſs *with* divided *Spikes*.
Gramen *Cyp.* paluſtre elatius, *ſpicâ* longiore *laxâ*, Ray 1296, 2. Syn. 197 2 d. 267 1 Ox. *B.* 244 23 *T.* 12 ſer. 2 *f.* opt. A very tall Graſs, with divided Spikes; very like when ripe, that of *Gramen* Paniceum. *ſpicâ* diviſa, *CB.* without awns. *Grows* in rotten *Bogs* and watry Places in *June*.

175 *Panick* Cypergraſs *with* looſe *ſlender* Spikes.
Gramen *Cyp.* paluſtre minus, *ſpicis* graciloribus, *R.* 1296 2, var. Syn. 197. 2. var. ed. 2. 8. *Leſſer* than the *laſt*, and grows not in ſo thick Tufts, its *Spikes* ſlenderer and thinner ſet. *Found* with the other.

176 Cluſter-headed *Meadow* Cypergraſs.
Gramen *Cyp.* ex monte *Ballon* ſimile, *ſpica* totali è pluribus ſpicis compoſita, *R.* 1297 5 Syn. 198 5 ed. 368 4. Ox. *B.* 245 34. This has 3 or 4 cloſe rough *Heads*, ending in a longiſh *Spike*, the lower Part of which is chaffy like a *Jule*. Found in *June* in Marſhy *Meadows*.

177 Cluſter headed *Sea* Cyp-rgraſs.
Gramen *Cyp.* ex monte *Ballon* ſimile humilius, in maritimis & arenoſis naſcens, *R.* 1297 6 Syn. 198 6 ed 268 5 Ox. *B.* 244 30. Its *ſpike* large for the ſmallneſs of the Graſs. *Growing* ſhort, and low on the ſandy *Sea* Shores in *June*.

178 Round *Cluſter headed* Cypergraſs.
Gramen Cyp. *ſpica* è pluribus ſpicis brevibus mollibus compoſita, *R.* 1296 3 Syn. 197 3 ed. 268 2 qr? *Gramen* Cyp. paluſtre majus, *ſpicâ* diviſi, *CB* 6 10 phyt. 60 p. 14 Th. 87 *f.* 10 *Lob. Ic.* 19 *f.* 2 *B.* 20 fig. 2 *Chabr.* 190 *f.* 1 Ox. *B.* 244 29 *T.* 12 l. 3 *f.* opt. Theſe *Figures* (except the laſt) would better reſemble our *Graſs*, had they omitted its bearded Leaf which this never has. *Grows* pretty common in *wet* Paſtures.

179 *Plucknet*'s flat *Cluſter-headed* Cypergraſs.
Gramen Cyp. *ſpica* ſimplici compreſſa ſulcha, *Ray* 1910 *pl.* 2 Vol. 3 *p* 625 20 Syn. 199 13 ed. 269 13 *Pluk.* Tab 34 *f.* 4 Ox. B. 245 35. *Like* the *laſt*, but not ſo tall, and *flatter* ſpiked. *Found* on *Chiſtleburſt* and other *Bogs* in *June* and *July*.

180 *Ray*'s rough *Cluſter headed* Cypergraſs.
Gramen *Cyp.* paluſtre elegans, *ſpicâ* compoſita aſperiore. *Ray* 1297 7 Syn. 198 7 ed. 268 6 *Pluk* 34 4 Ox. B. 245 31. *Its* Leaf very narrow, with a naked *Stalk* a Foot high, the *Spike* compos'd of 5 or 6 ſhort pale *Heads*, without any Leaf or Beard. *It* grows *in moiſt* graſſy *Places*.

181 Greater *Prickly headed* Cypergraſs, *R.* 1297 8 S. 198 8 ed. 268. 7
Gramen *Cyp.* paluſtre majus, *ſpicâ* compacta, CB. 6 8 phyt 59 *p.* 14 *Th.* 87 *f.* 8 *Tab.* 210 *Ic* 1 Hiſt. 656 *f.* 3 *Ger* 19 *f.* 5 Jon. 21 *f.* 5 *Park.* 1266 *f.* 7 Lob. Ic. 19 *f.* 1 B. 20 *f.* 1 *Chabr* 190 *f.* 4 I B. 2 *l.* 18 *p* 497 *f* 1 Ox. B. 244 24 *T.* 12 l. 3 f. opt. Mr. *Bobart*'s ſingle *Spike* at the Bottom of his *Icon*, very well repreſents this *Graſs*, which other *Authors* have made too *ſhort* and ſingle. *It* ſpikes *in* May *and* June *near* Rivers *and* watry Ditches.

182 Leſſer *Prickly ſpiked* Cypergraſs.
Gramen Cyperoides *ſpicatum minus*, Ray 1279 9 Syn. 198 9 ed. 269 9 *qr?* Gramen *Cyp* ſpicis minioribus minuq; compactis, CB. 9 *pr.* 6 43 *p.* 13 *Th.* 89 9 *Park.* 1268 9 Ox. B 244 25. The *Spikes* of this are bearded at each Diviſion with a fine Thread, but ſmaller and ſlenderer than the laſt. *It grows* in moiſt *Meadows* and *Paſtures* in *May* and *June*.

183 Small *Prickly ſpiked* Cypergraſs.
Gramen *Cyp.* ſpicatum minimum, *ſpica* divulſa aculata, *R* 1297 xi Syn. 199 xi ed 269 xi *qr?* CB. 7 4 phyt 83 *p.* 18 *Th.* 100 f. 4 *Chabr.* 191 f. 4 I B. 2 *p.* 510 f. 1 *Tab.* 227 *Ic.* 1 Hiſt. 662 f. 1 *Ger.* 20 f. 9 Ox. B. 244 26 *T.* 12 *f.* 3 f. The *Tops* of this *Graſs* are compoſed of 2 or 3 ſmall *prickly Heads* ſet pretty near together, as all the *Figures* repreſent. It *ſpikes* in *June*, in rotten *Bogs* and ſhady *Woods*.

184 Ray's *Prickly ſpiked* Cypergraſs *with a* ſlender *Ear*.
Gramen *Cyp.* ſpicatum minus, *ſpica* longa divulſa *ſeu* interrupta, Ray 1297 10 Syn. 199 10 ed. 269 10 Ox. *B.* 244 28. The three loweſt of theſe *Heads* ſtand at ſome Diſtance, but the reſt next the Top cloſer. *It grows* in moiſt *Paſtures*.

185 Soft, brown *Wood* graſs.
Gramen *nemoroſum*, ſpica *rufeſcente* molli, CB. 7 2 phyt. 82 *p.* 18 *Th.* 99 *f.* 3 *Park.* 1183 *f* 2 *Tab.* 226 *Ic.* 1 Hiſt. 661 *f.* 1 *Ger.* 8 *f* 2 *Chabr.* 191 *f.* 3 I B. 2 *p.* 509 *f.* 2 *Pet.* 2 133 & 38) *Ox. B.* 244 27 *T* 12 *f.* 3 *f.* Its *Spikes* are ſoft and reddiſh. Mr. *Bobart* has obſerved this in *moiſt*, ſhady, *ſandy* Woods.

186 Ray's *narrow* Cypergraſs *with* ſhort *ſeſſil* Spikes.
Gramen *Cyp.* anguſtifol *ſpicis* parvis ſeſſilibus in foliorum alis, Ray 1295 14 Syn. 195 15 ed. 267 19 *Pluk.* 34 *f.* 3 Ox. B. 243 17 T. 12 ſ. 2 f. opt. Each ſhort *Spike* is thinly ſet in the Boſom

of

of a long bearded Leaf. *Spikes* in *May* and *June*, in *moist* and shady *Ditches*.

187 Buddle's *large* Cypergrass *with* short *sessil* Spikes.
Gramen *Cyp.* angustif. majus, *spicis* sessilibus foliorum alis. This is *larger* than the last in all its Parts. Observ'd by Mr. *Buddle* in *Suffolk*.

188 *Pluknet*'s Cypergrass *with* double *Bur-heads*.
Gramen *Cyp.* minimum, *Ranunculi* capitulis binis terniſve, Ox. B. 245 37 *Pluk.* 91 *f.* 8 Ray 3 *p*, 626 22. This much resembles the next, but instead of one, has two or three Heads.

189 *Bobart*'s Cypergrass *with a* round *Bur-head*.
Gramen *Cyp.* minimum, *Ranunculi* capitulo rotundo, *Ray* 3 *p.* 626 21 Syn. 235 ed. 270 14 *Ox.* B. 245 36 *T.* 12 *f.* 3 *f.* opt. *Gramen* Cyp. *spicâ* echinatâ simplici, *Mer.* pin. 52 *Found* frequently in the *Spring*, in the *Bogs* on the *West* Side of *Oxford*.

190 Dr. *Sherard*'s Cypergrass *with a* long *Bur-head*.
Gramen *Cyp.* minus, *Ranunculi* capitulo *longiore*, Ray 3 *p.* 626 23 Syn. ed 270 15. This is a *larger Variety* of the *last*, with *Spikes* or longer *Heads*. Found by Dr. *Sherard* in the *spungy Bogs*, in the County of *Down*, in *Ireland*.

CAP. IV. Junci & *Gr.* Juncea. *Rushes* and its *Grasses*.

SECT. I. Junci *acuti* & *læves*. Sharp and soft *Rushes*.

191 *Large* Pricking *Sea* Rush, *Ray* 1302 c. 3 pl. 1 Syn. 200 1. ed. 272 1.
Juncus acutus, *capitulis* Sorghi CB. xi 1 prodr. 21 f. opt. Th. 173 f. 1 *Lark.* 1193 f. 4. Chabr. 196 f. 4 IB. 2 p. 520 f. 3 *Ox. B.* 232 15 T. 10 ser. 2 f. This is a *tall* thick *Rush* with large *Seed Vessels*, its Point very pungent. On *sandy* Sea *Shores* in *June*.

192 Parkinson's *Sea* Rush, *Ray* 1303 2 Syn. 201 2 ed. 272 2.
Juncus acutus marit. *Anglicus*, Park. 1193 f. 7 opt. Ox. B. 232 14 T. 10 f. 1 f. opt. A *tall* hard *Rush* with *childing* Panicles. *Common* in *Sea-Marshes* about *Midsummer* till *Autumn*.

193 Common *Hard* Rush, *Ray* 1303 5 Syn. 201 5 ed. 272 5.
Juncus acutus *paniculâ sparsâ*, CB. xi 4 phyt. 28 1 Th. 176 4 *Dod.* 605 f. 3 Lob. Ic. 85 1 B. 1193 *Tab.* 249 Ic. 2 Hist. 695 f. 2 Ger. 31 f. 4 *Jonst.* 35 f. 4 Park. 1193 f. 1 *Chabr.* 196 f. 5 I. B. 2 p. 521 f. 1 Ox. B. 232 13 T. 10 f. 1. f. opt. A *tall* slender *Rush* with little Pith and a loose Panicle 6 Inches below the Tip. *Common* in *Paths* and moist *Pastures* in *June* and *July* &c.

194 Small *Westmorland* Hard *Rush*, Pluk. 40 f. 8.
Juncus parvus, *calamo* supra paniculam compactam longiùs producto, *Ray* 1305 17 Syn. 202 xi ed. 273 xi. It's a slender *Rush*, not 6 Inches high. Mr. *Newton* discovered this near *Ambleside* in *Westmoreland*.

195 Sea *Rush* with *round* Heads, *Ray* 1303 2 Syn. 201 2 ed. 272 2.
Juncus acutus *marit.* capitulis *rotundis*, CB. xi 2 Th. 174 *f.* 2 *Park.* 1194 f. 5 *Lugd.* 987 *f.* 1 *Pluk.* 40 *f.* 4 *Ox. B.* 232 17 *T.* 10 *f.* 2 *f.* opt. The Reverend Mr. *Stephens* first found this in *Devonshire*; it also grows in *Somerset* and *Hantshire*.

196 Pluknet's *Childing-Rush* with *round* Heads.
Juncus minor acutus *marit.* prolifer *seu* ex uno pediculo multa, *Pluk.* 40 *f.* 5 Ray 3 *p.* 629 3. A childing *Variety* of the last.

197 Common *Bull rush*, Ray 1304 7 Syn. 201 7 ed. 273 7.
Juncus maximus s. *Scirpus* major, CB. 12 2 phyt. 29 5 Th. 178 *f.* 2 *Tab.* 249 *Ic.* 1 Hist. 696 *f.* 1 Ger. 30 *f.* 2 *Lob* Ic. 85 *f.* 2 B. 120 *f.* 1 Adv. 44 *Jonst.* 35 *f.* 3 Park. 1191 *f.* 1 *Chabr.* 197 *f.* 2 I B 2 *p.* 522 *f.* 2 *Ox. B.* 231 1 *T.* 10 *f.* 1 *f.* opt. Its Use in matting *Chairs*, *Baskets*, &c. makes it well known, It *heads* in *July* and *August*, in most *Rivers* plentifully.

198 Lesser *Bull-rush* Ray 1304 Syn. ed. 273.
Juncus aq. medius, CB. 12 3 phyt. 29 6 Th. 181 *f.* 3 *Tab.* 250 *Ic.* 1 Hist. 696 *f.* 1 Ger 31 *f.* 3 I B. 2 *l.* 18 *c.* 240 *p.* 524 *f.* 0. *Ox. B.* 231 2 *T.* 10 *f.* 1 *f.* Somewhat *lesser* than the last. Mr. *Dale* has observed it in the Sea-diches at *Brickleſey* and *Mersey* Islands. It's also said to grow in *Woods*.

199 Doody's *furrowed* Bull-rush.
Juncus *aq.* major *carinatus*. *Differs* from the two last, in having a *Sulca* or *Furrow* on its *Stalk*. This Mr. *Doody* has observed about *Limehouse*; I have also found it in his Company near the *Thames*, on this Side *Battersey* Meadows.

200 Triangular *Thames* Bull-rush.
Juncus acutus marit. *caule* triquetro maximo molli procerior *nostras*, Pluk. 40 *f.* 2 *Ox. B.* 232 21 Ray *Syn.* 201 3 ed. 272 3. This is much larger and thicker than the next, with *proliferous* Heads. Very *common* in the *Thames* about *Westminster*, in *July* and *August*.

201 Triangular *Jersey* Bull-rush, *Ray* 1303 3
Juncus acutus marit. *caule* triangulo, *CB.* xi 3 *pr.* 22 *f.* 1 opt. *Th.* 75 *f.* 3 *Park.* 1194 6 *Ox. B.* 232 20 T. 10 *f.* 2 *f.*

202 Pluknet's *Triangular* Cluster-headed *Bull rush*.
Juncus acutus marit. *caule* triquetro molli, *spici* glomerata in stylo sessili, *Pluk.* 40 *f.* 3 *Ox. B.* 232 22. This has 6 or 7 close *Heads* at the Top, without any Stalk above.

203 *Common* tufted, soft or *Candle-rush*.
Juncus lævis vulg. *paniculâ* sparsâ *nostras*, Ray 1304 8 Syn. 202 8 ed. 273 8 qr? *Juncus* lævis *paniculâ* sparsâ major. *CB.* 12 4 phyt. 28. 1 Th. 282 *f.* 4 *Ox. B* 231 4 T. 1 *f.* 1 *f.* opt. They make *Candles* of the *Pith* of this, whose *Tufts* are *spread* more than N°. 205. It *grows* in *Ponds*, and by Water-sides, in *August* and *Sept.*

204 Lesser *Candle-rush*, Ray 1304.
Juncus lævis alter, *CB.* 12 5 Th. 182 5 Ox. B. 231 5. This is *thicker* and *shorter* than the last, and of the same *Use*.

205 *Close-headed* soft Rush.
Juncus lævis vulg. *paniculâ* compactiore, *Ray* 1304 9 Syn. 202 9 ed. 273 9 qr? *Juncus* lævis, *panicula* non sparsa, CB. 12 7 phyt. 28. 2 Th 182 7 *Chabr.* 196 *f.* 3 I B. 2 *p.* 520 *f.* 2 *Ox.* B. 231 3 T. 10 *f.* 1 *f.* opt. *It grows* in *Woods* and moist *Pastures*, in *July* and *August*,

206 Black-headed *Bog-rush*.
Juncus *lævis* minor, *paniculâ* glomeratâ nigricante, *C. Cant.* Ray 1305 16 Syn. 202 10 ed. 273 10 *Ox. B.* 233 24 *T.* 10 *f.* 3 *f.* opt. *I* have gathered this in the *Bogs*, both about *Oxford* and *Cambridge* in *June* and *July*.

207 Dwarf *Rush*, Ray 1305 14 Syn. 203 16 ed. 274 16
Juncellus, Adv. 44 pl. *ult.* inutilis, CB. 12 9 *sive* Chrimæschœnos *prodr.* 22 3 phyt. 30 xi Th. 183 9 *Park* 1192 7 *Ox. B.* 232 23 T. 10 f. 2 f. opt. *It grows* in moist gravelly *Heaths*, &c. in *June* and *July*.

SECT. *II.* Junci Clavati. *Club-rushes*.

208 Great, tall, *Thames* Club-rush.
Juncus *Clavatus* major & altior. This I have *observed* about *Peterborough-House* and the seven *Elms*, on the other side of the *Thames*.

209 Common *Club*-Rush, *Ray* 1305 18 Syn. 202 12 ed. 273 12.
Juncus capitulis *Equiseti* major CB. 12 1 phyt. 29 7 Th. 186 f. 1 *Lob Ic.* 86 1 B. 120 2 Obs 44 1 *Lugd.* 986 f. Park. 1196 f. 1 *Chabr.* 197 f. 6 I B. 2 *p.* 523 f 3. Very *common* by *River*, and *Pond* Sides, in *May*, &c.

210 Small *Heath* Club-rush, *Pluk.* 40 f. 6.
Juncus parvus palustris, cum parvis capitulis *Equiseti*, Ray 1306 22 Syn. 203 15 ed. 274 15 qr? *Juncus* mont. parvus, cum parvis capitulis luteis, *Chabr.* 197 f. 5 I B 2 l. 18 *p.* 523 f. 2 *Ox.* B. 233 35 T. 10 ser. 3 f. On *Putney* and other moist *Heaths* in *May*.

211 *Lhwyd*'s Mountain *Club-rush*.
Juncello accedens *Graminifolia*, plantula capitulis *Armeriæ* proliferæ, *Ray* Syn. ed. 275 pl. 1 *Rob. Ox.* 245 40 T. 12 f. 1 f. opt. *Its* Leaf two inches *long* and very slender, with a roundish *scaly* Head. *Found* on the *Welsh* Mountains and in rotten *Bogs*.

212 *Plot*'s least *Club-rush*, Pluk. 40 f. 7.
Juncellus omnium minimus *capitulis* Equiseti, *Plot.* H. Ox. 145 5 Tab. 9 f. 3 Ray 1306 20 Syn. 202 14 ed. 274 14 *Ox. B* 234 37 T. 10 f. 3 f. In moist Ditches on *Binsey* Common, *Oxfordshire*, and else where,

213 Floting *Club-rush*, Ray 1305 19 and 1310 19 Syn. 202 14 and 205 7 ed. 274 13 and 276 7 *Pluk.* 35 f. 1 *Ox. B* 233 36 T. 10 ser. 2 f. opt. *Juncus* capitulis *Equiseti* minor & fluitans, CB. 12 2 *prodr.* 23 6 Th. 87 2 *Park.* 1196 3. In Ponds on *Wandsworth Common*, near *Putney*, and elsewhere in *July*.

SECT. *III.* Gramina *Juncea*. Rush grasses.

214 Moss-rush *or* Goose-corn.
Juncus montanus *palustris*, Ray 1303 6 S. 201 6 ed. 272 6 Gr. *Junceum* foliis & spica *Junci*, CB. 5 10 phyt. 70 *p.* 16 Th. 78 *f.* 10 *Tab.* 224 *Ic.* 1 Hist. 64 6 *f.* 3 Ger. 18 *f.* 4 *Lob.* 18 *f.* 1 B. 19 *f.* 1 *Jonst.* 21 *f.* 4 Park. 1193 fig. 2. This well resembles these *Figures*.
Frequent on *Putney Heath* and such like Places. *It flourishes* from *Midsummer* till *Winter*.

215 Round-headed *Rush grass*.
Gramen *Junceum* maritimum vel palustre cum *pericarpiis* rotundis, *Ray* 1307 6 Syn 204 5 ed. 276 5. *Juncus* parvus cum pericarpiis rotundis, I B. 2 l. 18 c. 232 p. 552 fig.* & dele. *Chabr.* 191 *Ic.* 5 *secund.* Fig. *qr?* Gramen *Juceum* polystachion, *CB.* 5 7 phyt. 74 *p.* 16 *Th.* 75 *f.* 7 *Tab.* 223 *Ic.* 2 Hist. 659 *f.* 2 Ger. xi *f.* 2 qr? *Park.* 1190 *f.* 7 * *N.B.* The *Synonyms* in Mr. Ray's *History*, are mixt with the *last*. The *Rush* here meant, grows with us, both in *Sea Marshes* and moist *Meadows*.

216 Long leaved *Rush-grass* with a white *Root*.
Gramen foliolis *junceis* oblongis, rad. alba CB. 5 1 phyt. 34 *p.* 9 *Th.* 73 *f.* 1 * Gramen Junceum Dalech. *Lugd* 425 *f.* 2 Park. 1189 *f.* 3 Ray 1309 14 syn. ed. 277 xi. Mr. *Bobart* has observ'd this at the Head of the *Bogs* at *Wooton Heath* three Miles from *Oxford*.

217 *Toadgrass*,Ray 1309 13 Syn 204 6 ed.276 6.
Gramen remorosum *calyculis* paleaceis,*CB*.7 5 phyt.14 *p*.18 *Th*. 100 *f* 5 *Tab*.225 *Ic*.2 Hist.660 *f*.2 Ger.4 *f*.4 Park.1190 *f*. 8 *Lob*. *Ic*.18 *f*. 2 B. 19 *f*.2 Jonst. 4 *f*. 4 Ox.B. 228 14 *T*.9 *f*.2 *f*. Very *common* in wet and muddy *Places in* May, June, &c.

218 Ray's *long-threaded* Toadgrass, *Pluk* 35 f.2.
Gramen *Junceum* sive*Holosteum* minimum palustre, *capitulis* quatuor longissimis, *staminibus* donatis,Ray 1319 18Syn. 105 8 ed.276 8 *Ox*.*B*.230 30 *T*. 9 f. 3f. ult. opt. The *Figures* of this *Grass* exceed any Description. *I have* found *it in* Flower *on* Hounslow Heath *about the* Middle *of* July.

SECT. *IV*. *Gramen* Juncea, *fol*. articulatis. *Knot-rushes*.

219 *Tall* Wood *Knot rush*, Ray 1307 4 Syn.204 4 ed. 275 4. qr? Gramen *Junceum* fol.articulato sylvaticum,*CB*.5 8 phyt.73 *p*.16 *Th*.76 *f*. 8 *Tab*. 223 *Icon* 1 Hist.659 *f* 1 Ger.20 *f*.10 *Lob*. *Icon* 12 *f*.1 B. 13 *f*.3 Jonst.22 *f* 9 opt. *Park*. 1270 *f*. 5 1 *Ox*. *B*. 227 1 *T*.9 f.1 *f*. This is much lesser than the next,its *Panicles* more *spread*, yet smaller *Seed Vessels*. It's often found in *moist* Woods; *flourishing* from *Midsummer* till *Autumn*.

220 Common *Knot rush*,Ray 1307 2 Syn.204 2 ed.275 2.
Gramen *Junceum* folio articulato aquaticum,CB.5 9 phyt.66 *p*. 15 *Th*.76 *f*.9 *prodr*.12 *f*.1 opt.*Lob*.*Ic*.12 *f*.1 B.13 3 *Tab*.214 *Ic*. 2 *Hist*.252 *f*.1 Ger.12 f.1 *Ox*.*B*.227 2 *T*.9 *f*.1 *f*. *Less* than the *last* both in *Height* and *Panicles*. In wet marshy *Places* from *Midsummer* till *Autumn*.

221 Common *Knot-rush* with *Utricles*.
Gramen *Junceum* fol.*articulato* aq. cum *utriculis*,CB 7 5 *prodr*. 12 2 f. opt. *Th* 77 *f* 9 *Park*.1270 5 *f*.2 *Ox*.*B* 227 2 *T*.9 *f*.1 *f*. ad Rad. A *Variety* of the last in having *red* leafy *Heads*, which appear in *Autumn* in marshy Ground.

222 Small *Knot-rush*.
Gramen Junceum capitulis triangulis minimum,Ray 1307 3Syn. 204 3 ed 275 3 qr? Gramen Junceum,Ger.4 *f*.4 *Tab*.225 *Ic*.*Hist*. 660 *f*.2 *Ox*.*B*.227 3 *T* 9 *f*.2 *f*.*opt*.*qr*? Park.1270 *f*.xi. *Its* much *less* than the last: *Common* in moist and boggy Places at *Hampsted*, &c. *flourishes* about *Midsummer*.

223 Dale's *Childing* Knot-rush, R. 1307 5 S. 204 3 var. ed. 275 3 var. *Gramen* Junceum *minimum* paniculis *foliaceis* Bob. Ox.227 4 *T*.9 *f*.2 *f*.*opt*. Pluk.32 *f*. 3. *Differs* from the *last* in having small *Leaves* coming out of the Panicles: *Time* and *Place* the same.

SECT. V. Gramen *Juncea* hirsuta. *Hairy* Rush-grasses.

224 *Small* hairy *Rush-grass*, Ray 1291 1 S. 193 1 ed. 262 1 Gramen *hirsutum capitulis* Phyllii, CB. 7 3 phyt. 81 *p*. 18 prodr.15 f.2 * opt.*Th*.103 f.3 Lob.Ic.15 f2 *Belg*.16 f.2 Jonst.17 f.3 *Park*.1185 f.6 Chabr.188 f.6 I B. 2 p.494 f.1 *Tab*. 219 Ic. 2. Hist 656 f 2 Ger.16 f.2. Ox. B.225 4 T.9 f.1 f. It's the least of all the following, *Flowers* in *April* and *May* in *Meadows* and *Pastures* frequently.

225 Close-headed *hairy* Rush-grass.
Gramen *hirsutum* elatius, *panicula* juncea *compacta*. Ray 1291 2 S.193 2 ed.263 2 Ox B.225 1 T.9 f.1 f. Gr.*nemorosum* hirsutum *majus* angustifolium, *Park*. 1165 f. 4 ad *marg*.opt. Its L. much *longer* and *taller* then the last with *longer*, and closer Heads *Flourishes* in *May* in *Cain Wood* plentifully.

226 *Common* hairy *Wood* Rush-grass.
Gr.*nemorosum* hirsutum *vulgare*, Ray 1292 3 S. 193 3 ed.263 3 qr ? Gr. *hirsutum* latifol. majus, CB. 7 1 Th. 101 f.1 *Tab*.227 Ic. 2 Hist. 662 f. 2 Ger. 17 f. 1 Park. 1184 f.1 *Jonst*. 19 f.1. These *Figures* easily distinguish this from others. *It grows* frequently in *hilly* Woods, *Flowering*, in the *Spring*.

227 *Great* hairy *Wood* Rush-grass.
Gr. nemorosum *hirsutum* latifol. *maximum*,Ray 1292 5 Syn.193 4 ed. 263 4 *Chabr*.188 f.4 Th: 102 f.2 *Park*. 1185 f.3 Ox. B. 225 T.9 5 1 t. IB. 2 493 f.2 *qr*. CB.prodr. 15 f. 1. Its large spread panicles, and broad hairy L.distinguish it from the rest. *Grows* with the three foregoing in *Cain-wood* at *Hampsted* plentifully in *April* and *May*.

SECT. VI. Gr. *Juncea* tomentosa.Cotton-Rushes.

228 Cotton-Rush,*Ray* 130 6 1 Syn.203 1 ed.275 1.
Gr.*prat*.tomentosum, *panicula* sparsa CB.4 2 phyt.122 *p*.26 *Th*. 61 f.2 *Tab*.230 *Ic*.2 Hist.665 f.1 Ger. 27 f.1 *Chabr*.195 f.6 I B. 2 p. 514 f. 1 Trag. 683. Lob. *Ic*. 87 f. 2 B. 122 f.1 Adv. 44 *Jonst*.29 f.1 Park.1271. f.1 Ox.B.224 1 T.9 f.3 f.opt. Its many Heads of fine *Cotton* when ripe,easily distinguish it from the rest. It *Cottons* in *June* and *July* in boggy Moorish grounds as at *Hampstead* &c.

229 Hares-tail, *or* single-headed *Cotton-rush*, R. 1306 21 & 1308 xi, Syn.203 17 ed.274 17 *Juncus* Alpinus *capitulo* lanuginoso, seu Schœnoglaurus,CB.12 1 prodr.7 p.23 f. * opt.Th.188 f.1 phyt 30 pl.10 *Park*.127 2 f.6 Chabr.199 f.1 *IB*.2 p. 514 f.2 Ox. B.244 6 T. 9 f. 3 f. *Lob*. illustr. 62. *Grows* in the *Moors* of *Shropshire* and *Lancashire*, &c,

SECT, VII. Gr.*Juncea* Miscellanea : *Miscellany* Rushes.

230 Arrow-headed *Rush*, Ray 1308 7 Syn.249 9 ed.276 9
Gramen *Junceum* spicatum *seu* Triglochin,*CB*. 6 16 phyt,67 *p*. 15 Th.81 f.6 *Tab*.224 Ic.2 Hist.65 f.4 Ger.18 f.1 *Park*.1187 f. 6 Lugd.431 f.2 Ox.228 18 T.2 fig.Lob.*Ic*.17 f.1 B.18 f.1 Jonst. 20 f.1 Chabr. 190 f.3 I B.2 *p*.508 f.2 It *flourishes* in *May*,&c. in boggy *Grounds*.

231 Sea *Spiked Rush*.Ray 1308 9 *Syn*.249 10 ed.276 10
Gramen *Junceum* & spicatum alterum *CB*. 6 17 phyt. 68 *p*. 15 Th.82 f.17 *Tab*.215 *Ic*.1 Hist.652 f.2 Ger.12 f.2 Lob.*Ic*.162 B. 17 2 Jonst.13 f.2 Park.1278 f.9 *Chabr*.190 f.2 I B.2 *p*. 508 f.1 Ox.228 19 T.2 *fig*. Very *common* in Salt *Marshes*; spiking *in* May *and* June.

CAP. V. *Equiseta*. Horsetails, &c.

232 *Great* Marsh *Horsetail*,Ray 128 1 S.20 1 ed.42 1
Equisetum *palustre* longioribus *setis*,CB.15 2 phyt. 31 1 Matt. 725 f. 1 *Theatr*. 241 f.2 *Tab*. 251 f.2 Hist 698 f.2 Ger.955 f.1 Cam.770 f.Dod.73 f.1 Lob *Ic*.793 f.B 968 f.obs.461 f.1 *Jonst*. 1113 f. 1 Park. 1200 f. 1 *Chabr*. 551 f. 1 Ox. B.621 1 This grows *upright* and is much the largest with us: Its *Jules* distinct from its *leavy* Stalks. Found *in* boggy Rills *and* marshy Grounds.

233 *Lesser* Marsh *Horsetail*, Ray 129 4 Syn.21 4 ed.42 4
Equisetum *palustre* brevioribus *setis*,CB.15 3 phyt.32 3 *Th*.242 3 Lob.*Ic*.795 f.1 B.970 f.1 Jonst.1114 f.4 Park.1200 f.3 Ox.B. 621 3 These *Jules* grow at the *Top* of its *Leaves* when they first spring up. Found *in* spongy rotten *Bogs*.

234 Corn *Horsetail*, Ray 128 2 Syn.20 2 ed. 42 2
Equisetum *arvense* longioribus *setis*,CB.16 9 phyt.325 *Th*.247 f.9 opt. Park. 1202 12 Dod.73 f.2 *Lob*. 795 f.2 B.970 f. 2 *T*.252 Ic.1 Hist.698 f.3 Ger. 956 f.3 Ox.B.621 2 qr? *Trag*. 694 f. Its separate *Jules* spring in *April*, in *moist* Stubble and *Corn* Fields. *It* grows *supine* and sometimes with *secundary* Bristles.

235 *Fine* Wood *Horsetail*, Ray 128 3 Syn.20 3 ed.42 3
Equisetum sylvaticum, *tenuissimis* setis,CB.167 Th 245 f.7 *Tab*. 253 Ic.1 *Hist*, 699 f. *Chabr* 551 f.5 *Ger*.957 f. 5 Park.1201 f.5 The *Fineness* of its *Bristles* differs it from others. It *Jules* at the Top, whilst the Leaves are young; in *Cain-Wood* or low wet Grounds.

236 *Naked* rough *Horsetail* or *Shavegrass*,Ray 129 7 S.21 6 ed.437
Equisetum foliis *nudum* non ramosum *seu* Junceum, *CB*. 16 10 phyt.32 6 Th. 248 f. 10 * Chabr. 550 f.6 *Trag*.692 f.1 This rises generally with but *single* Rushes and is known by its *peculiar* Roughness. *Found* in *Warwickshire* and *Wiltshire*.

237 Doody's *naked* smooth *Horsetail*.
Equisetum *nudum* levius *nostras*, Ray 3 p. 103 Syn. ed. 426 *Differs* from the *last* in being *smooth*. Heads *in* May *in moist* boggy Ponds *and* Ditches.

238 Buddles *naked* smooth *Horsetail*,
Equisetum *læve* penè nudum *Nob*. qr? *Equisetum* nudum, *Tab*. 251 Ic.1 Hist.698 f.1 *Ger*.955 f.2 Jonst. 1113 f.2 Park.1201 7 *f*. These *Figures* pretty well resemble this Plant. *Found* by the Reverend Mr. *Buddle* on a new dug Bog on *Hounslow*-Heath.

239 Branched *naked* Horsetail,Ray Syn.ed 43 8
qr? *Equisetum* foliis nudum ramosum,*CB*.16 *xi* phyt.327 Th. 250 f.*xi* Dod.73 f.3 * Lob. Ic. 794 f.1 Jonst. 1114 f. 3 quoad *Icon* Park.1201 f.*Ox*,*B*.621 13 Found plentifully in *Bocking River* in *Essex* by Mr. *Dale*.

240 Mares-tail *Ray* 129 5 Syn.21 5 ed.42 5
Equisetum *palustre*, brevioribus *foliis* polyspermon, *CB*. 15 6 phyt.31 2 Th.243 f.4 *Tab*.835 Ic.2 Hist.2 505 f.1 Ger. 957 f. 6 Chabr.553 f.2 *Lob*.*Ic*.792 4 *B*.967 f.4 *Jonst*.1114 f. 6 Park. 1201 3 *Ox*.*B*.621 6 Thele Leaves are *short* and *plain* with *Seeds* at each *Joynt*. In *Ponds* and slow *Waters*.

241 Long leav'd *Mares-tail*. Equisetum *palustre* majus, foliis *longioribus*. I have *observed* this in some *Rivers*.

242 *Stinking* Water *Mares-tail*, Ray 130 1 Syn.21 7 ed. 43 9
Equisetum *fœtidum* sub aqua repens, *CB*. 16 13 prodr. 25 f. 5 opt. * phyt.35 8 Th.251 f.13 *Jonst*.1115 f. Park. 1201 f. 10 *Chabr*. 551 f. 6 1 The *Figures* will give you an *Idea* of the Plant, it's commonly *green* under Water, but *gray* and *brittle* when *dry*. It *grows* in muddy Waters and has that stinking scent.

243 *Warty* Water *Mares-tail*, Ray 191 2 Syn.35 pl. ult. ed. 280 5
Equisetum *palustre* ramosum, aquis immersum f. *Millefolium* aquaticum *Equisetifolium*, Ray *Cat*. Cantab. 49 *descr*. opt. I have found this with its *warty Heads* in *Battersey* Rivulets *plentifully*.

244. Coralline *Horſetail*. Ray *Hiſt*. Plant. 130. xi. *Synopſ*. 21. 8. edit. 2. p. 43. 12. *Equiſetum* ſeu *Hippuris* Coralloides. *Jonſt*. 1115. 7. Pluk. *Tab*. 29. f. 4. In the Ditch about *Chiſtlehurſt*-Bogg.

245. Cluſter headed *Coralline* Horſetail.
Equiſetum *Coralloide*, ſeminibus in ſummitate conglobatis & foliis abſconditis, *Buddle*. 'Tis larger than the laſt. *Obſerved* by Mr. *Ad. Buddle*, in the *Ponds* about *Henly* near *Ipſwich* in *Suffolk*.

246. *Iriſh* water *Moſs-Horſetail*. Ray 3. 104. pl. 15. Syn. ed. 43. xi.
Hippuris muſcoſus ex *Hibernia*, Pluk. 193. f. 6. Ox. B. 621. 10. Firſt found by *Dr. Sherard* in Turf bogs in *Ireland*, and ſince by *Mr. Dandridge* in *England*.

CAP. VI. Filices *Britannicæ*. Britiſh *Ferns*.

SECT. I. Filices *foliis* ferè *integris*. Ferns *with moſtly* whole Leaves *or* Wings.

247. Common *Harts-tongue*, Ray 134. 1 Syn. 22. ed 44. *Lingua Cervina* Officin. C. B. 353. 1. *Cam*. 579. f. Chabr. 557. I. B. 748. f. 1. *Clus*. 213. f. 2. Dod 467. f. 1. Lob. Ic. 2. p. 265. f. 2. *Park*. 1239. f. Obſ. 486. Lugd. 219. f. 2. Jonſt. 1138. f. 2. *Park*. 1040. f. Ox. B. 556. 1. Tab. 1. f. *Ger*. 976. f. Trag. 549. f. Its whole *Leaves* and ſtant *ſeed liſts*, differs it from all other *Britiſh* Ferns. *Grows* in ſtony ſhady Roads and moiſt Rocky places.

248. Fingered *Harts-tongue*, Ray 134, S. 22. d. 44. Ox. 557. 2. T. 1.
Lingua Cervina mult fido folio C. B. 253. 2. *Matth*. 606. f. Chabr. 557. f. 3. I. B. 749. f. 2. *Cluſ*. 213. f 3. Dod. 467. f. 2. *Lob*. 805. Ic. 2. & 2. p. 226. 2. B. 981. & 300. f. Jonſt. 1138. f. 2. *Park*. 1047. f. 2. Lugd. 1219 f. 2. *Tab*. 481. f. Icon. 801 1. *Ger*. 976. f. Varies from the Common in being *finger-tipt* and found with it, but more rare.

249. Tree *Polypody* Ray 137. 1. S. 22 1. ed. 45. 1.
Polypodium vulgare CB. 359. 1. *Matth*. 887. f. 1. Cam. 993. f. Chabr. 558. f 3. *Dod* 464. f. 1. Lob. 814. 2. B 992. f O. 475. f. *Lugd*. 1229. f. Tab. 478 f. Ic. 799. 1. *Ger*. 972. f. Jonſt. 1132. f. 1. *Trag*. 540. f. opt. Ox. B. 562. 1 T. 2. f. Very well known and common in Woods at the roots of old Oaks and other *Trees*.

250. *Wall* Polypody. *Polypodium* murale, *pinnulis* ſerratis *Nobis* Botan. Hort. Numb. 1. pl. 1. The *wings* of this are ſomewhat *narrower* than the laſt, and lightly ſerrated. I gathered this Plant *May* 24. 1709. on the *Walls* of *Windſor-Caſtle* in the Aparrments of the Revd. *Dr. Manningham* then *Dean* of that place, whoſe *Son* a very *Nice Botaniſt*, firſt obſerved it and ſhewed it me there.

251. Jagged *Welſh Polypody*, Ray 136. 2. S. 22. 2. ed. 45. 2. *Polypodium* Walliæ, *pinnis* altè laceratis *Nobis* Pluk. 30. f. 1. *Differs* from the *Common* in having *wings* deeply *jagged* Discovered AD. 1668, by *Richard Kayſe*, of *Briſtol*, on a Rock in a Wood near *Dennis-Powis-Caſtel* by *Caerdiff* in *Glamorganſhire*.

252. Common *Ceterach* Ray 139. c. 3. Syn. 23. ed 45. *Ceterach* Offic. CB. 354. *Matth*. 648. f. 1. Cam. 640 f. opt. *Chabr*. 556. f. 6. IB. 741. f. *Dod*. 648. f. Lob. 807. 1. B. 983. O. 470. *Jonſt*. 140. f. 1. Park. 10. c. 46. f. *Ox*. *B*. 561. 1. T 2. f. Ger. 978. f. 1, *Trag*. 551. f. A ſmall Fern and being wholly ruſty below, differs it from others. *Grows* on old *Churches*, *Caſtles*, and *Stone Walls*, particularly about *Briſtol*, where I have ſeen it in plenty.

253. *Lhwyds* jagged *Spleenwort*. Filicula *Alpina* Pedicularis rubræ *foliis*. ſul tus villoſis, *Ray* 3. p. 63. S. 27. ed. 46. Pluk. 89. f. 5. *Ox*. *B*. 573. 28. deter. *Mr. Lhwyd* firſt found this in the Clefts of moiſt Rocks on one of the higheſt Mountains in *Wales*, it grows alſo on *Snowden*, but rare.

254. Sea *Penny Fern*, Ray 140. c. 4. S 23. ed. 46. 2. Trichomanes *maritima* major *Nob*. CB. 358. Lob. Ic. 814. 1. B. 992. f. O. 474. f . *Lugd*. 1226. f. 2. Jonſt. 1143. f. 4. *Park*. 10. f. 7. Grows on *Sea-rocks*, and being much larger than the three following, is eaſily diſtinguiſht.

255. Shop *Maiden-hair* or *Penny-Fern* Ray 140. c. 5. S. 23. ed. 46. *Trichomanes* ſive *Polytrichum* offic. CB. 356. *Matth*. 853. f. 3. Cam. 925. f. opt. *Dod*. 471. f. 1. Jonſt. 1146. f. 1. *Park*. 1051. f. Lugd 1211. f. *Tab*. 477. f. 1. Ic 801. 2. Trag. 530. f. 1. Its an *Officinal* and uſed in *Peſtoral* Decoctions &c. *Grows* on old *Walls*, *Churches*, and ſhady Rocks.

256. Branched *Penny-Fern*, Ray 140. & Vol. 3. p. 61. S. 27. ed. 46. 2. Ox. B. 591. xi. T. 3. f. *Trichomanes* dentata *Nobis* Chabr. 556. f. 1. IB. 741. f. 1. *Ger*. 985. f. 2. Tab. 477. f. 3. Ic. 802. Dr. *Richard Richardſon*, a Curious *Botaniſt*, has found this frequently on the high and moiſt Rocks of *Wales* as alſo on *Inglebrough*, but could rarely obſerve it branched; *Differs* from the *Common* in being *more* ſerrated.

257. *Jagged* Penny-Fern. *Trichomanes* fol eleganter inciſis *Petiver* Ray 3. p. 63. *Pluk*. Tab. 73. f. 6. qr? *Ox*. *B*. 591. 12. & 13. T. 3. f. opt. *Ray* 3. p 61. This is much *deeper cut* than the Laſt, eſpecially its *lower* wings.

258. Matthioles *Lancet Fern* Ray 138. 1. S. 27 ed. 45. 2. *Lonchitis* aſpera C. B. 359. 1. *Matth*. 661. f. 1. Cam. 664. f. *Chabr*. 556. 3. I. B. 736. fig. Lugd. 1220. f. 1. Ox. 566. 1. T. 2 f. *Jonſt*. 1140. f. 3. Park. 1042 f. 1. *Ger*. 979. f. 1. Tab. 480. f 1. Ic. 799 2. That moſt accurate *Northern Botaniſt* and my Worthy Friend *Dr. Richard Richardſon* ſent me this which he gathered on the *Rocks* of *Phainon vellon* in *Wales*. He tells me its alſo pretty common on the high *Rocks* of *Snowden*, its alſo pretty common on the high *Rocks* of *Snowden*.

259 Lhwyds *Lancet-Fern*, Ray 3. 84. Syn. ed. 48. 4. *Filix* aculeata *Lonchitidi* emula *noſtras* Pluk. 180. f. 3. Ox. B. 567. 7. var. I am oblig'd to *Mr. Jacob Bobart*, Botanick Profeſſor of the *Phyſick Garden* at *Oxon* for a Specimen of this, which *differs* from the laſt, its *wings* being much *jagged* and more prickly, *Grows* on the *Welch* Mountains.

260 Plukenets *Welſh* Lancet Fern, *Filix* parva *Cambrobrit*. pinnulis latis auriculatis brevibus aculeata *Pluk*. Tab. 89. f. 6.

261. Hyſſae *Fern*. Filicula *Alpina* reverior, *alis* latiuſculis brevioribus integris profundè dentatis *Ox*. *B*. 570. 23. defer. *Pluk*. 179. f. 4. ſecund. *Ray* S. ed. 48. 4. On the tops of *Pluk*. 179. f. 4. ſecund. *Ray* S. ed. 48. 4. On the tops of *Snowden* and *Hyſſae rocks* near *Penrice* Church in *Caernarvonſhire*.

262. *Great* Prickly Fern. *Ray* Syn. ed. 48. 3 Ox. B. 580 16. *Lonchitis* aculeata major *Nob*. Each Pinn has 15 or 16 *wings*, and each wing between 30 and 40 *Feathers* or pair of leaves, *Grows* in ſhady ditches.

263. *Common* Prickly Fern, *Lonchitis* aculeata vulg. *Ray* 143. 3. Syn. 24 2. ed. 48. 2. *Pluk*. 179. f. 6. Ox. B. 580. 15. T. 3. S. 3. *Jonſt*. 1130. 4. In moiſt and ſhady ditches.

264 *Earlſs* Prickly Fern. *Lonchitis* aculeata ſine auriculis, *Ray*. Syn 24 2. ed. 48. 2. var. A *Variety* of the laſt.

265. Plukenets *ruſty* Prickly-Fern. *Lonchitis* aculeata, linguæ ferruginæ. *Pluk*. 180. f. 1. Ray 3. p. 86. Leſs and paler than the laſt, with ruſty backs. *Grows* in rotten *bogs*.

SECT. II. *Filices* non ramoſæ. *Unbranched Ferns*.

266. *Great dented* Male Fern. *Filix* non ramoſa latifolia dentata *Inſt*. Rei Herbar. 536 7 *Hiſt*. Plant. *Paris* 443. Schol. Bot 2. These *wings* are much *larger* than the next, as is the whole *Fern*. The *Figure* in *Camerarius* on *Matthiolus* p. 994. does not ill repreſent this plant.

267 *Common* Male Fern. *Filix* mas *Dod*. 462. f. 1. Cam. 991. f. *Trag* 546 f. Chabr. 553. f. 1. I. 737 f 1. *Park*. 1030 f. Lugd 1222. f. 1. *Filix* non ramoſa dentata CB. 358. 3. *Matth*. 886. f. 1. Jonſt. 1129. 2. *defer*. T. 2. p. 471. f. 1. Ic. 791 2 *Ger*. 968. f. 1. Ray 143. 1. Syn. 24. 1. ed. 47. 1.

268 *Moſs* Fern. *Filix* paluſtris *ſeu* aquatica. *Ray* 145 c. 41. Syn. 24 4 ed 48 6. Its *Feathers* plain and ſeed edged, by which and its lower wings gradually leſſening, its known from the laſt. *Grows* in *Bogs* and Moorish *places*.

269 *Rugby* Fern. *Filix* paluſtris *major* Nobis *Ray* Syn. ed. 341. pl. 2. Seems to be a larger kind of the laſt. *Found* on *Dunſmoor-heath* in the *Ditches* which parts *Rugby* from *Dunchurch* in *Warwickſhire*.

270. *Male* Stone Fern. *Filix* ſaxatilis non ramoſa, nigris maculis punctata CB 358. 3. *Cluſ*. 212. f 1. Pan. 906 f. *Park*. 1044. f. 1 Pluk. 179. f. 5. Ox. 581. 28. *Ray* 146 2. syn. 24 5. ed. 48 7. *Differs* from the *Moſs Fern*, in its *ſoft* and *long leſs*. Found plentifully on the high *rocks* in *Derby-ſhire*, Yorkſhire and *Weſtmorland*.

271. *Forked* Stone Fern. *Filix* minor *Britan*. pedic. palliore, *alis* inferioribus deorſum ſpectantibus *Ox*. Rob. 571. 17. *defer*. qr? *Pluk*. 284. 2, Its lower wings bend downwards. *Grows* about the *Peak* in *Derbyſhire*.

272. *Godyers* crisp Fern, *Ray* 144 4. Syn. 24 3 ed. 48 5. *Filix* mas non ramoſa, *pinnulis* angulis latis profunde dentatis *Jonſt*. 1033. defer. *Pluk*. 180. f. 4. Ox. B. 579 8. T. 3 Its *Pinnæ* or *Feathers* are deep notch not unlike curld *Tanſy*. Grows in wet Shady places.

273. Fingertipt *crisp* Fern. *Filix* minor non ramoſa, alis foliorum alternatim pectinis fidis & multifidis, *Ray* 3. p. 75. Syn. ed. 46. 6. var. *Pluk*. 284. f. 3 Ox. B. 580 21. defer. *Differs* from the laſt in being fingertipt. *Dr. Tho. Willoughby* obſerved this on *Litchfield* Minſter.

SECT. III. *Filices* ramoſæ. *Branch'd* Ferns *or* Brakes.

274. *Common* Female Fern *or* Brake. *Filix* [illegible] vulg. Offic.

Offic. *Ray* 150. c.2 Syn.25.1 Ed.49.1. CB.357.1. *Matth.* 886. f.2. Lugd. 1222. f.2. *Cam.*992. fig. IB.3. l.37. 727. *Dod.* 462. f.2. Jonſt. 1128. f.2. *Park.*1037.f. Ox.B. 583 3. *Tab.*2 471. f.2. Ic.793. f.1. Ger. 969. f 2. So well known, and very common on *Heaths*, it needs no Deſcription.

275. *Wall*-Brake. *Filix* ramoſa, *ſive* Fœmina *minor* noſtras, *Ox.B.*584.18. deſcr. *Ray* 151. c.6. Syn.25, 4. ed.50.5. I have formerly obſerved this on ſeveral *Walls* in *London*; it's alſo found on the *Sea-Rocks* in the *Weſt* of *England.*

276. Small *Brake.* Filix *ramoſa* minor *nobis*, Chabr. 555. f.2. IB.733. f.1. *Ray* 151. c.7. Syn.25.5. ed. 50. 6. *Cluſ.* 212. f.1. Pan 704. f. *Lugd.*1225. f. 3. opt. Jonſt. 1135. f. 3. *Dak.* 1044. f. 2. Trag. 538. f. qr? *Tab.* Ic. 794. 1. H. 472. f. 3. In ſhady Places on the Sides of Mountains in *Weſtmorland* and *Wales.*

277. Common *dented* Brake. *Filix* fœm. *pinnulis* dentatis *Nobis.* Ray 150. c 2. deſcr. Syn.25.2. ed. 49.2. Ox.B. 579. xi. deſcr. T.3. f. Grows in ſhady moiſt ſtony Places, and often at the *Roots* of *rotten* Oaks.

278. *Cicely* Brake. *Filix* Alpina *Myrrhidis* facie *Cambrobritannica*, Pluk. 89. f.4. *Ray* 3. *p.*94. Syn. ed. 49.3. Ox. B. 584. xi. The lower Wings next the Stalk are much the longeſt. Mr. *Lhwyd* firſt diſcovered this on the Top of Mount *Glyder.*

279. Hemlock *Brake.* Filicula *Cambrobritannica* pinnulis *Cicutariæ* diviſura, Bob.Ox. 581.31. *Ray* 3. p.84. Syn. ed.50.8. It's compoſed of about 8 pair of Wings with deep cut Leaves. *Grows* on the Top of *Snowdon.*

280. Small *brittle* Brake. *Filix* ſaxatilis, *caule* tenui fragili, *Ray* 152.1. Syn. 26.6. ed. 50.7. Ox. 58.. 29. qr? *Chabr.* 555.4 IB. 734. f.2. On *Old* Stone *Walls* and Rocks in *Derbyſhire, Yorkſhire*, and *Weſtmorland.*

281. Round *brittle* Fern. *Filix* ſaxatilis, *caule* tenui fragili humilior, *pinnulis* rotundioribus R. *Richardſon.* Under this Title I received it from Dr. *Richardſon*, who diſcovered it on *Snowdon*, and plainly differs from the laſt in having *rounder* Leaves.

282. Common *black Maidenhair*, or *Fern.* Adiantum *nigrum* vulgare *Nobis.* Ray 151.2. *Syn.* 26.7. ed. 50. 9. CB. 355. 2 IB. 3. l.37. p. 734. f. Dod 466. f. Lob. 810. Ic. 2. B. 988. f. *Adv* 361. Jonſt. 1137. f. *Park.* 1049. f. 2. Ger. 975. f. 1. Tab. Ic. 796.2. H 474. f.2. Ox.B. 588. 16. T. 4. f. *Grows* at the *Roots* of *Trees* and *Shrubs*, in Shady *Woods* and on *Old* Walls.

283. Great *black* Fern. *Adiantum* nigrum *fol.* duplo majoribus ſaturatæ magis viriditatis, *caulibus* quoque longioribus & nigrioribus, *Sibbald.* Prodr.7. Tab.4. f.1. *Found* in *Lockcoat-Hills* in *Linlithgow*,

284. Narrow *black* Brake. *Adiantum* nigrum *ſegmentis* an guſtioribus, *Ray Syn.* ed. 51. 9. *var.* qr? *Dak.* 124. f.4 Ox. B. 588.17. It's narrower and deeper cut than the *Common.*

285. Preſton's *Fiſcue's* black Brake. *Adiantum* nigrum *fol.* Lunariæ minoris, *Ray* 3. p.61. Its *Leaves* broad and ſomewhat dented, the *Seed* ſited like *Hartſtongue.* Dr. *Preſton* firſt diſcovered this on the *Sea Coaſts* at *Fiſcueſs* in *Scotland.*

286. Round *Jerſey* black Brake. *Filix* elegans, *Adianto nigro* accedens, *ſegmentis* rotundioribus, *Ray* 3. p. 86. Syn. ed. 55.xi. Ox.581.25. deſcr. Dr. *Sherard* firſt diſcovered this on the *Rocks* in *Jerſey*; and Mr. *Jac. Bobart* has ſince obſerved it on *Adderbury Church* in *Oxfordſhire.*

287. *Fine* Iriſh *Fern*, or *Mourn* Brake. *Filix* minor longifolia, *tanſis* raris, *pinnulis* longis tenuiſſimis & oblongis laciniis fimbriatis, *Ray* 3. p.79. Syn. ed. 51.12. Its *Leaves* reſemble Dr. *Plukenet's* Tab. 89. fig.3. but its *Tarſi*, or *Branches* ſtand more diſtant. Dr. *Sherard* found this on the Mountains of *Mourn* in the County of *Down* in *Ireland.*

288. Shop *Venushair*, Ray 147.1. Ox.B.587.6. T.5. f. *Adiantum* folio *Coriandri*, CB.355.1. Matth.832. f.1. *Cam* 924. f. Chabr.555. f.3. IB. 3. 744 fig. *Dod.*469. f.2.Lob.Ic.809.2.B. 986. f. *Adv.*362. Tab.Ic.795.1. H.473. f.1. *Ger.*982. f.1. Lugd. 1208. f. *Trag*,530. f.1. Found in *Wales* by Mr. *Lhwyd.*

289. *Adianto vero* affine, *Adiantum* noſtras *majus*, Coriandri *Folio* in apice nonnihil rotundo, *pediculo* pallide rubente *Sibbald* prodr.7. Ox. 587.7. *Dr. Irvin* found this in the *Grots* or *Vaults* about *Weyms*, Scotland.

290. *Adianto vero* affine *noſtras* minus, *fol.* obtuſo, ſaturatè viridi altiùs inciſo, cum *pediculo* viridi minore *Sibbald.* pr.8. *Found* in the Gap of a Rock on *Lochcoat lake* near *Limmuck*, Scotland.

SECT. IV. Filiculæ. *Dwarf* Ferns.

29. White *Maidenhair.* Filicula *alba* vulgaris. *Ruta muraria*, CB. 356.R146. c.5. pl.1. *Syn.*24 ed.48. Ox.585. 22.T. 5.f. *Cam.* 785. f. Chabr.555. f. 6. IB 745. f. *Lob.* Ic. 812. 1. B. 988. *f.* Obſ. 472. f Lod. 470. f. *Jonſt.* 1144. f. 3. Park.1050. f.4. *Tab.* Ic.796.1. H 474.f.1 *Ger.*983. f. *Trag.*530. f.2. On *old* Stone-*Bridges*, *Walls*, and Clefts in *Rocks.*

292 Forked *Maidenhair*, Ray 141.c. 7.Syn. 24. ed 47. Ox.B. 585. 23. T.5 f. *Filix* ſaxat. *ſive* corniculata CB. 358.5. *Jonſt.*1045.f. 8. Lugd. 1226. f 1. *Trag.*437. f. *Grows* on the *Rocks* in *Edinburg-Park.* and on ſome Mountains in *Wales.*

293 Dare's *Fern* Darea *Tunbrigenſis* minor *Muſ.* noſt. 761. *Ray* 1583. deſcr. *Bocc. Muſ.* 24. T. 2. *Pluk.* 3. f. 59. I have obſerved this in plenty on the *Rocks* near *Tunbridge-wells.*

294 Newton's *Dare-Fern. Adiantum* petræum perpuſillum *Anglicum*, fol. biſidis vel trifidis *Newtoni*, Ray 141. c. 6. Syn. 23.ed. 47. *Pluk.* 3. f. 6. Found near *Wrenoſe* in *Weſtmoreland* among Moſs, Mr. *Lhwyd* has obſerved this in *Ireland* half a ſpan high.

SECT. V. Filices *Floridæ.* Flowring *Ferns.*

295 *Oſmund Royall.* Oſmunda Regalis *Offic.* Ray 151. c. 5. Syn. 25.3 ed.50.4. Ox.593.1 T.4. fig CB. 357.3. *Chabr.*554 f.4. IB.728. f Dod. 463. f *Lob.* 813. IB. 992 f Obſ 474.Lugd.1225. f 1. p.9. *Ger.* 971. f. *Jonſt.* 1131. f *Park.* 1038.f. Trag. 543. f. opt. Flowers in *July* and *Aug.* on rotten *Bogs* and moiſt *Woods.*

296 *Flowring* Spleenwort. *Lonchitis* Florida *vulg.* nobis. *Lonchitis* minor, CB. 359. 2. Matth.661.f.2. *Ray* 138 2. Syn. 23 ed.45 1 *Cam.*665.f.Chabr. 556.f.4. & 5 IB 737.f.1&2.*Cluſ.* 213. f. 1. Lob. Ic. 815. 2. B. 994. f. O. 475. f. *Lugd.* 1216 f. opt. & 521.f 2. *Jonſt.* 1140 f.2. *Park.*1042.f.2. Tab.Ic.800.1.H. 460. f. 2. *Ger.* 978. f. 1. Trag. 550. f. opt. *Its* ſeed bearing *Leaves* are much *narrower* than the other, and grow *upright* in moiſt *Heaths* and *Woods*, and ſhady Ditches. *Seeds* in *July.*

297 Orton *Flowring* Fern. *Oſmunda* Weſtmorlandica *foliis* tenuiſſimè diſſectis *Muſ.* noſt. 792. Ray 153. 3. *Syn.* 26. 8. ed. 51.10. Ox.B. 593 4.T.4 f. *Pluk* 3. f.2. opt. *Grows* on *Snowden-hill* in *North Wales*, and ſeveral places in *Weſtmorland*, particularly at *Orton.*

298 Moonwort. *Lunaria* racemoſa minor & vulg. CB. 354 1. *Matth.*647 1.2. Ray 127.1.*Syn.*22 ed 44 Ox.B 594. T.5 *Cam.* 643 f.Chabr.544 f 6.IB.710 f.Dod. 139.1.2.*Lob.* Ic.807.2.B.983. f Obſ. 470. Jonſt.405.2. *Park* 507 f Tab.Ic.137.1. H. 513.f.2. *Ger.*328.1.2. Trag.914.f. *Flowers* in *May*, &c. in cold paſtures, hilly ground and old *Gravel-pits.*

299 *Jagged* Moonwort. *Lunaria* minor, *fol.* diſſectis *Ray* 3. p.101. Its larger than the common, and *Flowers* more branched *Found* with the *laſt.*

300 Adderſtongue, *Ophioglossum* vulgatum, CB.354.1. *Matth.* 447.f.5.Ray 126.c.10.*Syn.*21.ed.44.Ox.B 595.T.5 f. *Cam.*364.f. Chabr.541.f.4. IB.708.f *Dod.*139.f 1. Jonſt.424. f. *Lob.* Ic 808. 2.B 985.f. O.471.f. *Lugd.*1047 f. Park. 506. *Tab.* Ic. 849.1. H. 519. f.2. Ger. 327. *Trag.* 323. f. It *tongues* in *May* in moiſt *Meadows* and *Paſtures.*

CAP. VII. De *Muſcis.* Of *Earth*, *Tree* and *Water* Moſs.

SECT. I. Lycopodii. *Wolfs-claws* or *Club-moſs.*

301 Common *Wolfs-claw*, Ray 120 1 Syn.16.1. ed.25.1. *Muſcus* terreſtris *clavatus*, CB360.x.Chabr.559. f.4 IB.3.l.37.p. 758. f. *Cord.*111. f.1. Dod.472. f. 2. *Lob.* Ic.2. p.244. f.2. *Belg.* 281. f. Obſ.645. f.1. *Lugd.*1324. f 1. Jonſt.1562. f. xi. *Park.* 1307. f.4. Ger.137. f. xi. *Tab.*814. Ic.2. Hiſt.814. f.3. Ox. B. 645.1.

A Creeping *Moſs* with 1, 2, or 3, *Claws* ſtanding on long footſtalks, *Heads* in *July* and *Auguſt*, in Heaths and Mountains.

302 Creeping ſmall *Club-moſs* with *Upright* heads. *Lycopodium* repens minus, *clavis* erectis *Nob.* Ray 121.c.3.Syn. 17. 3. ed. 27. 1 *Pluk.*205. f.5. fig. mala Ox.624 xi Tab.5. ſer. 1.f. xi. Its many fibroſe roots keep it cloſe to the ground, it's hardly known till in *head*, theſe grow upright and about two Inches high in *boggy Heaths*, about *July* and *Auguſt.*

303 Jumper *Wolfs claw* Ray 120. *var.* Syn.16.2. & 18.10. ed.26.2.

Muſcus terreſtris *fol.* retro reflexis,IB. 3. l 37.p.759. Ox.B.624. Tab.5. ſer.1. f.3. opt. *Differs* from the *Common* in having *ſtiff* and *reflex Leaves* and its *claws* without ſtalks, *Found* on the *Welſh* Mountains.

304 Upright *Firr* Club-moſs, *Ray* 121. c.4 *deſcr.* opt. Syn. 17.4. ed. 27.2.

Lycopodium erectum *Abietiformis* majus *Nobis.* Ox. B. 624.9. Tab.5. ſer.2. fig.9. opt. where its very well expreſſ. It's upright and mostly forked, with *Leaves* very green and cloſe to the ſtalks, which are much thicker than any of the foregoing; it *ſeeds* in *May* and *June*, they are ſmall and round. This has no *diſtinct claws* as moſt *authors* has *Figured it.* *Grows* on the high Mountains in *Wales*, as alſo on *Ingleborough* in Yorkſhire and the *Peak* in Darbyſhire.

305 *Rays* ſmall upright, *Firr* Club-moſs *Ray* 122. c.5. Syn. 17. 5. ed. 27. 3. *Lycopodium* erectum *Abietiformis* minus *Nob.* Pluk.

T. 3.47. f.7. Ox. B.624.10. T.5. f 2. f. 14. Much *leſs* than the laſt and lower, its *Leaves* not ſo cloſe, but more ſtarting off, under which lie its ſeed along the moſt part of the ſtalk. *Found* in the Rills and moiſt places on *Snowden*, *Ingleborough* &c.

307 Cypreſs *Club-moſs*, Ray 12. 2. Syn. 17.2. ed. 26.3. Ox. B. 624.5. Where its well deſcribed but no where truly *Figured*. Its *twigs* rarely branched and moſtly *ſingle claw'd* without footſtalks. On the *Mountains* of *Wales* and *Ingleborough* and *Ardskin* in *Scotland* plentifully.

327 Bobart's *Cypreſs* Club moſs, H. *Ox.* B.624 5. *var.*

Lycopodium *Cupreſſi* foliis, 4 *juſis*, nudis pediculis *Nob.* Its naked footſtalk a Hand long, ending with 4 claws on each ſtalk. *This* ſhould rather reſemble the *Figures* which *Authors* give of the laſt.

308 *Cluſius* his *Portugal* Moſs. *Ray* 112 3. Syn. 13.2. ed. 21. 2. Lycopodium repens ſquamoſus *Nob.* Muſcus *denticulatus* minor CB. 360.8. *Cluſ.* 249. f. 2. Lob. 2. p. 244. f. 1. O. 644. *Lugd.* 1126. f. 1. Dod. 473. f. 1 *Jonſt.* 1162. f. 10. Ger. 1373. f. 9. Tab. 1. 2. 806. Ic. 1. H.

Lobel *ſays* he found this at the *Lead-mines* in *Somerſetſhire*, where I have ſearcht for it; but neither there, nor any other part of *England* have I yet met with it, but from ſeveral places abroad I have had it ſent me.

309 *Bobart's* Tree *Club moſs*, Ox. B. 624 8. T. 5. f. 2 f. 3 opt. *Ray* Syn. ed. 338. pl. 5. qr. Ray 3. p 47. Syn. ed. 2. p. 39. 16. The tips of this Moſs for the moſt part of Winter are full of Powder; it *grows* on the bodies of *aſh-trees* &c. frequently.

SECT. II. Muſci terreſt. *majores*. Greater *Earth Moſſes*.

310 Fern Moſs, *Ray* 112. 1. Syn. 13. 1 ed. 21. 1. Muſcus *Filicinus* major CB. 360. 4. *Park.* 1310. f. 3. Jonſt. 1561. f. *Chabr.* 759. f. 5 IB 757. f 1. *Ger.* 1372, f. 7. Tab. Ic. 807. 1. Ind. 963. f. 4. Ox B. 625 20 T. 5. ter 3. f. 20. Common in *Shady Woods*, it *heads* in *Dec.* and *Jan.* but rarely.

311 Small *Fern Moſs*. Muſcus *Filicinus* minor CB. 360. 2. Prod. 151. 2. ex *ſent.* Bob. Ox. 625. 21. T 5. f. 4. f. 21. Fine leaved *like* the *laſt*, but *leſs*.

312 *Vernon's* Tamariſk-Moſs. *Muſcus* ramoſus repens ſpicatus CB. 361. 4. pr. 151. 2. Ox. B. 625. 6. T. 5 f 3. f. 6. Its *Leaves* crooked, longiſh and end pointed. *Found* at the *roots* of *Trees*.

313 Braynes *creſted-Moſs*. Ray 3. p. 47. Syn. ed 38. 13. *Muſcus* criſtam caſtrenſem *repreſentans* flaveſcens &c. *Muſ noſt.* 83 Ox. B. 625. 8. T. 5. f. 3. f. 8. *Flor.* Pruſ. 166. f. In *moiſt* Woods and Bogs.

314 Bonaveri's *criſp Moſs*. Muſcus *ſquamoſus* ſuperficie *criſpus* Nob. *Ray* 3. p. 44. Syn. ed. 337. pl. 3. Ox. B 625. 10. T. 5. f. 10. It bears its *heads* on ſhort ſtalks, near the top of its Leaves. I have gathered this on the *Chalk Banks* by the *Thames* Side, between *Purfleet* and Gravelend.

315 Common *Wood Moſs*. Muſcus *terreſtris* latioribus foliis major, ſeu vulgaris, *Ray* 122. 1. & Vol. 3 p. 43. pl 8. 624. 1. H. Ox B. Syn. 17 6. ed. 36 1. But the Synonyms there to CB. IB. &c. belong to N° 329. This Moſs is very common in ſhady Woods and Hedges. It *Heads* in *Dec.* and *Jan.*

316 *Sherard's* common *Iriſh Moſs*. Muſcus *erectus* major, *foliis* anguſtioribus acutis, *Ray* 3 p 44. pl. 1 Syn. ed. 237. Like the laſt, but with ſharper and thinner Leaves. Common in *Ireland*.

317 Doody's *hook-leaved* Moſs. *Muſcus* erectus *foliis* reflexis *Ray* 3. p 44. Syn. ed. 337. pl. 4 Ox. B. 624. 2. T. 5. f. 2 f. 2. Its crooked Leaves and being ſomewhat leſs, differ it from N°. 315. *Grows* in wet *Graſſ* Grounds.

318 Doody's *hook leav'd* Bog-Moſs. Muſcus *paluſtris* ſcorpioides *ramoſus* erectus. Its Leaves and Tips are both reflex. *Found* on the *Bogs* behind *Charlton*.

319 *Ray's* long-pointed *Bog-Moſs*. Muſcus *paluſtris* valde ramoſus, *furculis* erectionibus, *foliolis* in tenues & longos mucrones productis, *Ray* 3. p 47 Syn ed 39. 14.

320 *Vernon's*, Hinton-Moor Moſs. Muſcus *paluſt.* major, *fol.* membranaceis acutis, *Ray* 3 p 47. Syn ed 39. 19. Its *Stalks* long and golden, with a *crooked* Cap and Head, *growing* from the Bottom of the Leaf, in *May* and *June*, in moſt *Bogs* and *Moors*.

321 Our common *Cypreſs-Moſs*. Muſcus *terreſt.* vulg. *Cupreſſi* foliis, *Muſ. noſt.* 81 *Ray* 3 p 45 & 47. pl 6. Syn ed 39. 20. Muſcus *Cupreſſiformis* ramoſus, CB 361. 9. pr 152. 9. ex tant. Inſt. R. H. 554 pl 7. Ox B 626. 27. T 5. f 4 f 27. Common in *Woods* and ſome *Paſtures*. Heads *in* December.

322 Buddle's *ſlender* Cypreſs-Moſs. *Muſcus* Cupreſſiformis, *flagellis* tenuioribus & *fol.* acutis.

323 Buddle's *thick* Cypreſs-Moſs. *Muſcus* Cupreſſiformis, *foliculis* brevioribus & craſſioribus ferè rotundis, & ſupinis.

324 Doody's *upright* Flat-Moſs. *Muſcus* erectus *fol.* anguſtis caulibus appreſſis, *Ray* 3. p. 44. pl. 1. Syn. *ed.* 337. pl. ult. *Muſcus* ramoſus *erectus* major CB. 361 6. *prodr.* 151 5. ex. ſent. *Inſtit.* 553. pl. 3. *Common* in *barren* Woods.

325 *Buddle's* Suffolk *Houſe-Moſs*. Muſcus *domeſticus* noſtras, *furculis* erectis rigidis, *capitulis* in pediculis perbrevib. *Buddle*. Firſt found by him and only in *Suffolk* on Barns or *Thatcht-Houſes*.

326 *Pluknet's* ſlender *Mountain-Moſs*. Muſcus *Cupreſſinus*, Bocc. Muſ. p. 161. Tab. 108. *Muſcus* terreſt. *Arborum* ſtipitibus adnaſcens major & erectior, *Ray* 3. p 47. Syn ed 39. 15. & R 3. p 33 & 38, pl 42. Ox B 624. 7. T 5. f 1. f 5. *Pluk* 47 f 4. Inſt. 555. pl 2. Its *Heads* long and upright on fine *Stalks*, but rarely ſeen. I have obſerved it *plentifully* in ſome *deep*, *ſhady*, chalky Lanes.

327 Hairy *Welch Moſs*. Muſcus *terreſt.* vulg. *Lanuginoſus* Alpinus, *Ray* 3. p 45. pl 3. Syn 18. xi. ed 37. 5. *Pluk* 47. fig 5. Ox B 625. 7. T 5. 82. f ult. qr. CB 360. 9, Ger 1370 f 1. Its *Stalks* and *Heads* ſhort, very *common* on the *Mountains* of *Wales*.

328 *Our* Hairy *Mountain-Moſs*. Muſcus *trichoides* lanuginoſus *Alpinus*, Muſ. noſt. 83. It's much ſmaller than the laſt. This I found in the *Sweedland* Hills in *Leiceſterſhire*.

329 Common *White* Bog-Moſs, *Ray* 122, Syn 18. 9 ed 37. 4. Ox B 625, 4

Muſcus *paluſtris* in *Ericetis* naſcens *floridus*, Pluk 101. f 1. *Muſcus* terreſtris *vulgatiſſimus*. CB 360, 1. Dod 472, f 1. *Jonſt* 1559 f 1, Park 1306 f 1. L 6 Ic 2. p 242, 2. *B* 279. f Inſt 554. pl 17. Very *common* in *Watry Bogs*, where it's green, but white when dry. It *bears* round black ſtalkleſs *Heads* in *June*.

330 Red *Bog-Moſs*. Muſcus *paluſtris* rubediue tinctus, *Norwegicus*, Nob. Ox *B*; 625, 4. Var. Its a Variety of the laſt turning red when dry.

331 *Brotherton's fine white* Water-Moſs. *Muſcus erectus* paluſtris *albus*, foliis capillaceis, *Ray* 3 p 45. pl 1. Syn ed 338 pl 1 Found by this *Curious Gentleman* in *Lancaſhire*.

332 Ray's *Tree like* Moſs. Muſcus *Dendroides* ſylvarum, erectis ramulis *Kali* æmulis, rad. repente, *Ray* 3. p 35. pl 23. Syn ed 32. 22. Ox B 626, 30. Tab 5. f 4. f opt *Inſt* 554. pl 5. This has a long naked ſcaly *Stalk* ſpreading above like a Tree. *Heads* in *March* at the Roots of Feld Trees in *moiſt Woods*.

333 *Vernon's* Tree like *Moſs* Muſcus *Dendroides* elatior, *ramulis* crebris minus furculoſis, *capitulis* brevibus, *pediculis* inſidentibus, *Ray* 3. p 36. pl 23. Syn ed 32. 23. Ox B 626, 31 T 5. f 4, f opt. *Inſt* 554. pl 6. Like the *laſt*, but *taller*, and with cloſer and fewer Sprigs. Obſerved by Mr. *Vernon* at *Gamlingay*, and by Mr. *Buddle* in barren Fields near *Ipſwich*.

SECT. III. Muſci *terreſtres* minores. *Small* Earth Moſſes.

334 Velvet *Moſs*. Muſcus *terreſtris* vulgaris minor, *capillo diminuti aurei* capitulis, *Ray* 122. Syn 18, 8. ed 36, 2. R 3. p 43. Pl *Paris* 502. pl 2. Inſt 553. pl xi. *Heads* in *December* &c. from the Sides of its Branches in barren Paſtures, and in *Woods* at the Bottom of *Trees* and *Shrubs*.

335 Ray's *ſmaller* Earth Moſs. *Muſcus* terreſtr. *repens*, 1 ſpeciei ſimilis, ſed multo minor, *Ray* 3. p 44. pl 4. Syn ed 38, 8 *B* Ox 625, 5. T 5. f 2. f Inſt 533. pl 5. The Leaves in this are paler and ſmaller than the laſt, with which it is alſo found.

336 Turnfort's *crookheaded* Moſs. *Muſcus* ſquamoſus ramoſus craſſior, *capitulis* incurvis, *Inſt* 553. pl 12. Differs from 334, in being thicker. *Heads* in *December* and *January*, at the Roots of *Trees* and *Shrubs*.

337 Ray's *ſmall* ſhort headed *Moſs*. Muſcus *terreſtris* parvus, *capitulis* brevibus tumidis nonnihil incurvis & rotundis, *Ray* 3. p 45. Syn. ed 38, 10. Its *Heads* ſhort, ſwelled and ſomewhat bending, coming out of the Sides, on a half-inch Stalk on a bulbous Bale. *Found* with the *laſt* in *December* or ſooner.

338 Our *creeping Moſs* with ſhining Leaves, *Muſ.* noſt 83. Muſcus *terreſtris* luteo viridis ſericeus repens. *Ray* 3 45 Syn ed 38, 12. Ox B 626 5. T 5. f 4. f. Common on *Brick Walls* near *London*; it's eaſily known by its creeping and Silky Glats. *Heads* in *Winter*.

339 *Doody's* ſhining *Tree* Moſs. *Muſcus* repens ſerici modo lucens, *viticulis* longioribus erectis, *Ray* 3. p 44. pl ult Syn ed 338, 5. Ox B 626, 26. T 5. f 4. f Shines like the laſt, with upright thicker Sprigs. *Grows* on *Trees*, &c.

340 *Bobart's* curled *Godſtow* Moſs. *Muſcus* terreſtris *repens* ſubfuſcus, *foliolis* crispis minoribus ramuliſque denſius confertis, Ox 625, 12. T 5. f 3. f Its *ſprigs* loſe, yellowiſh, ſilky and curled. *Grows* on the *Walls* of *Godſtow* Church-yard 2 Miles from *Oxford*.

341 *Davies* curled *Bog-Moss.* Muscus *scorpoides* palustris, *fol.* crispis pyramidalibus, *Ray* 3. p.28 & 35. Syn ed 22. 36. Ox 625.9. A yellow Moss with curled and coyling Sprigs. *Found* by Mr *Davies* on *Hinton-Moor.*

342 *Bobart's* small *Fir-moss.* Muscus *terrest.* furculis filamentosis tenacibus *Abietinis* semel tantum divisis, *Bob Ox.* 626.22 T 5. f 1. f *Inst.* 554.4. Its Sprigs single brancht, creeps amongst the *Grass* on *dry* Hills.

343 *Ray's* small *Fern*-mos. Muscus terrest. parvus supinus *Filicis* modo interdum pennatus, *Ray* 3. p 45. Syn ed 38.9. *Fl. Pruss.* 167. pl 454. f It's like N° 334. but less, and ends in longer Sprigs. *Found* in Brambly Places.

344 *Ray's* small *Moss* with big *Heads.* Muscus *terrest.* omnium minimus, *capitulis* majusculis oblongis erectis, *Ray* 3. p 45. Syn ed 38. xi. Ox 625 14. T 5 f 3. f 6. On *Sheds Tiles, &c.* Mr *Buddle* has also observed it at the *Bottom* of *Trees* in moist Places in *April.*

345 *Ray's Stonecrop* Moss. *Muscus* terr. furculis *Kali* aut *Illecebræ* æmulis, *foliolis* subrotundis squamatim incumbentibus *Ray* 3. P 45 Syn.ed 37.6. Ox 626.28. *Common* in *Woods* at the *Roots* of Trees.

346 *Ray's* sharp-pointed *midling* Moss. *Muscus* terr. medius, supinus & repens, *foliolis* crebris in acutos mucrones productis, R 3. P 45 Syn ed 37.7. *Common* on *Thatch* and Tree-*Roots* in *Nov* and *Decemb*

347 *Doodyes* small flat faced Moss. *Muscus* fol. caulibus appressis uno versu disponitis, viticulis minoribus. *Resembles* the *last*, but *less*, and found with it.

348 *Doodyes* common *Flat* Tree Moss. *Muscus* vulg. minor, *cauliculis* compressis, *Ray* 3. P 47. Syn. 244. pl 3. ed 39.18. Inst 555. 3. *Heads* in *Dec.* and *Jan.* at the *Roots* of small *Trees.*

349 Dr. Richardsons *Club-faced* Bog-moss. *Muscus* terrest. repens, *Lycopodii* formè facie, *Ray* 3. P 43.6. Syn ed 337. pl 5. Ox 626.24. T 5. f 4. f. I have met with this pretty Moss in some moist Ditches in *Bishops Wood* Hampted. Heads about *Midsummer.*

350 *Buddles* Wood *Feather-moss.* Muscus *pennatus* sylvaticus. qr? Ox. 626. 35. T 6. f 1. f. *Grows* on the sandy Banks of a dry Ditch between *Cain-Wood* and *Mother Huffs.* Heads in *May* and *June.*

351 Scamptons *Peak* Moor-moss. *Muscus* aquat. *pileis* acutis *Mus.* nost. 74. Fig. Ox 626. 29. T 5. f 4. f. First *discovered* by this *Gentleman* on the large Stones which lie in the *Rivulets* amongst the *Peak-moors* in *Derbyshire.*

352 *Buddles* Feathered *Water-moss.* Muscus pennatus aquaticus. *Grows* on *Boughs* that lye in the *Water* in *Ponds,* &c. *Heads* in *Winter.*

353 *Doodyes* Feathered *Water-moss.* Muscus *pennatus* aq. *Ray* Syn ed 388. Observed by him in the *Thames,* and Dr. *Richardson* in the *North.*

354 Dr. Sherards *Irish* Floating Moss. *Muscus* fluitans, *fol.* in flagellis longis tenuibusque, *Ray* 3. p 45. pl 12. Syn ed 338. *Found* by him in the Pitts of the shaking Boggs in *Ireland.* Mr. Buddle *has also observed it* in *August* in our *Winter-Ponds,* viz. *such* as are near *dry* in the *Summer.*

SECT. IV. *Muscí* fol *ferè* pellucidis. *Glass-mosses.*

355 *Sherards* Bushy *Glass-moss.* Muscus *trichoides* ramosus, *fol.* longis pellucidis & veluti ramosis, R. 3. p 43 pl 4. Syn 243.1 ed 36.6. *Pluk* 49. f 1. Ox B 630. T 6. f ult. f 1. Muscus *Polygoni* folio, *Pl Lar* 504. Inst 555. *Flor.* Pruss. 168. pl 457. f. 46. This *Moss* branches at Top, out of which comes 3 or 4 Heads together, each on long Stalks, in *March* and *April.* I have found this in *Bellsize Grove* near *Hampstead,* and others the like Places.

356 *Plukenets* dry curled *Glass moss.* Muscus *Polytrichoides* pellucidus ferè, *fol.* denticulatis ad margines veluti *crispis,* Ray *Syn* 240 Pluk 98. f. 8. Ox B 630 2. T 6. f These transparent L. curl and quickly fade; at the End of each single Sprig comes one *Stalk,* ending in a long *crooked* Cap and Head. *Found* in divers shady Places about *Hampstead.* Heads *in* November.

257 *Rose* Glass-moss. *Muscus* parvus *stellaris,* CB 361. xi. *Ray* 113.4. Vol 3. p 39.7. Syn ed 35.7. Ox B 630 9. T 7. f 1. f 7. opt. *Jonst.* 1563. f 14. Park. 1308. f 9. *Lob.* Ic 2, p 243. 1. B 179. f. *Muscus* erectus *fol.* in orbem sparsis, *Flor* Pruss. 168. pl 457. f 47. This is known by its *Rosey* Tops, its *Heads* somewhat *crooked,* on Inch Stalks. In *moist Heaths* and low Woods.

358 Upright *Oval* Glass-moss. *Muscus* trichoides *fol.* Serpilli rotundis, erectus *major,* R 3. p 43. pl 3. Syn ed 338. pl 6. Ox B 627. 39. T 6. f 1. f ult. Its upright and larger than the next. *Grows* in Bogs and Moors, &c. in *Ireland, Wales* and elsewhere.

359 *Ray's* Oval *Glass-moss.* Muscus *fol.* paucis subrotundis pellucidis, *Nob* Ox B 627. 40. T 6. f 2. f 1. opt. *Pluk.* 47. f 7. Adiantum *aureum* humilius, *fol.* latis subrotundis, *Ray* Cat. Angl. & *Hist.* 124.5. Vol. 3. p.40.1. *Syn.* 19. 5. ed 35. 1. Its Leaves oval and thin set. *Grows* in shady Lanes and moist low Woods, &c.

360 *Plukenets* round *Glass moss.* Muscus *trichomanoides* supinus minor elegans, *Pluk.* Algmagest. Ox. B. 627. 41. T 6. f 2. f 2. opt. Its commonly branchт with thin set round alternate Leaves. In *moist Ditches* and shady Places.

361 *Losels* round *Glass moss.* Muscus *Trichomanoides,* fol. ro und ex tus pellucidis, squamatim conjunctè sibi incumbentibus, Bob 627.42. Tab 6. f 2. f 3. *Losel.* 167. pl. 456. f 45. opt. That *Leaves* are round, oval set and often branchт. I have met with this in *moist shady* Places.

362 *Cornwall* Glass moss. *Muscus* aq. *Cornubiensis,* pluribus explicatus, foliolis exiguis alternis per totam capillorum longitudinem adnatis, *Bob* Ox 627 48 Its Leaves very small, roundish, alternately set and thin First discovered by the *Reverend* Mr Stevens in *Dartmore Lake,* Cornwall.

363 *Lhwyds* purple Glass-moss. Muscus *Trichomanoides* purpureus, *spinis rivulis* innascens, R.S. ed 41. 1. Ox B 627. 48. var. f 3 f ult. Found by Mr *Lhwyd* in the Rivulets on the Welsh Mountains in *Wales.*

364 *Bobart's great Feathered* Glass-moss. *Muscus* pennatus *capitulis* Adianti, *Bob* Ox 626.36. T 6. f 1. f 5. R.S 236. qr? ed P 35.2. Found in shady moist Woods, &c. *Heads* in December and January.

365 *Rays* small Feathered *Glass moss.* Muscus *Filicifolius* f. pennatus minor, pinnulis plurimis ad mediam costam latiusculis crebris, *Ray* 3. P 40.6. Syn ed 35.3 Ox B 627. 37. Like the last, but in all Parts less. On the Banks of shady Ditches in Woods, &c. Heads in *Dec.* and *Jan.*

366 *Vaillants* Pin-feathered *Glass moss.* Muscus *pennatus* omnium minimus, *Inst.* 556. Muscus *Polytrichoides* perexiguus, capitulis in summis furculis f. foliis subrotundis erectis, *Ray* 3. P 40 7. Syn ed 35.4. Smaller than the Two last, and particularly differs in bearing its Head at the Top of its Leaves. Heads with the last, and grows in the like Places.

SECT. V. *Muscí* Trichoid s, *capitulis* ferè *erectis.*

Pike Moss.

367 *Bobarts* Hearth-*moss.* Adiantum *aureum* medium, *fol.* tenuissimis, *capit.* erectis acutis, *Ray* Syn 237. *Bob* Ox 630. xi. T 7. f 1. f xi. opt. *Polytrichum* aureum *medium,* Ray 124. 3. è *sent.* Bobart. *Inst.* 551.6. Common in *Bishops Wood,* Hampted.

368 *Doodyes* long-headed *Moss.* Muscus *trichoides* minus, *capitulis* longissimis, *Ray* 3. P 34.4. Syn 243. ed 29. 3. Ox B 631.13. T 7. f 1. f 13. *Inst* 551.7. Its very *long Heads* for so small a Moss differs it from others. On the dry sandy Banks, about Mother *Huffs,* &c. Hampted. *Heads* in Febr. and March.

369 Our *Extinguisher* Moss. *Muscus* trichoides *pileis* magnis acutis, *Mus.* nost. 89. fig. *Ray* 3. P 37.24. Syn ed 32.24. Ox B 630.12. T 7. f 1. f 12. *Inst.* 552. Its large long coned Cap *differs* it from others. I first observed this on the *old Flint Wall* in the Road near St. *Albans.* Heads *in* Decemb.

370 Dr. *Richardsons* hook-leaved *Bog-moss.* Muscus *trichoides* palustris, *capit.* erectis, *fol.* reflexis, *Ray* Syn ed 338. Its also found both in *Ireland* and *Wales.*

371 *Common* Wall *Pike moss.* Muscus *trich.* parvus, *fol.* Musci vulg. *capit.* longis acutis, *Doody* Ray Syn 243. pl 5. ed 28.1. *Hist.* V.3. P 34. pl 1. Ox B 628.4. T 6. f 3. f qr? id. 628.1. T 6. f. Its Leaves are mixed with white Hairs. Very common on all the *Brick Walls* about *London.* Heads *in Dec. Jan.* &c.

372 Bobarts *Wall* Pike-moss. Muscus *tectorum densis* cespitibus, *capit.* oblongis, *fol.* latiusculis in pilum definentibus, *Bob* Ox 628. 2. T 6. f 3. f. *Leaves* broader and roundish, with *pointed Heads,* but not so crooked as the last.

373 Mr. Dyers *Devon-moss.* Muscus *trichoides* humilis ramosus, *capitulis* oblongis, tumidiusculis donatus, *Bob* Ox 628 3. T 6. f 3. f This *differs* from the foregoing, in being *branched.*

374 Bobarts *Rose* House-moss. Muscus muralis *minimus* Roseus, *seu* stellaris, *capit.* longiusculis acutis erectis, *Bob* Ox 629.12. T 6. f 3. f Each Sprig ends in a *Rose.* Grows scarce half an Inch high, on *Walls* and *Hedge sides* plentifully.

375 Doody's *Globe-moss.* Muscus *trich.* medius *capitulis* sphericis *Ray* Syn 243. pl 2. ed 30. xi. Ox B 628. 6. T 6 f 3 f opt. Adiantum *aureum* minus, *capitulis* rotundis *Bobarti,* Ray Syn 237. Inst. 551. An elegant Moss, and *pretty common* on the sandy Banks in the Lane from the *Spaniards* at *Park-Gate* towards *Highgate.* Heads in *March.*

Hortus Siccus Chirurgicus.

In quo Continetur

Collectio Plantarum quæ maximè à Chirurgis usurpantur in Componendis Balsamis, Oleis, Unguentis, Emplastris, &c.

CUM

Synonymis Necessariis, Locis Natalibus & Tempore Vigendi.

Accesserunt etiam illarum Partes ac Præparationes quæ maximè sunt in Usu.

Explicatio Nominum Abbreviatorum.

A. *Litera in Margine posita indicat plantas illas quibus exsigitur, aut Angliæ Indigenas esse, aut in Agris passim culcas.*

C. B. *Caspari Bauhini Pinax.*

Ger. Gerardi Historia emaculata à Tho. Johnsono.

J. B. Joannis Bauhini *Plantarum Historia Universalis.*

Ch. *Exhibet Nomina Plantarum, quibus vulgò vocantur in Officinis nostris.*

Park. Joannis Parkinsoni *Theatrum Botanicum.*

Præp. *Enarrat Præparationes seu Medicamenta quæ in Officinis nostris frequentissimè exhibentur.*

Raij Cat. Angl. *Denotat Catalogum Plantarum Angliæ & Insularum adjacentium.*

Raij H. Pl. *Indicat Historiam Plantarum Universalem ab Eruditissimo Viro, & Botanico Peritissimo D.* Joanne Raio *nuper Editam.*

Usu *Explicat Partes istius Plantæ quæ in Arte Pharmaceuticâ quotidiè usurpantur.*

A. **Saxifraga pratensis** *Offic. Seseli* pratense nostras *Park.* Raij *Cat. Angl. & H. Pl.* 453. Usu *Tota Planta.* Præp. *Aq.* quæ ad flatus Infantium præfat. Hæc & altera species passim promiscuè usurpatur. **Meadow Saxifrage.**

A. **Fraxinus** *Offic.* vulgaris *Park.* Raij *Cat. Angl. & H. Pl.* 1412. Usu *Fol. Lign. Cort. & Sem. Lingua Avis* dictum. Præp. *Aq. Sal.* In *Autumno* Semen perficitur. E specie hujus Arboris *Manna* colligitur. *The* **Ash-Tree.**

A. **Frangula** seu **Alnus nigra** *Offic.* Alnus nigra baccifera *C. B.* Raij *Cat Angl. & H. Pl* 1604. Usu *Cort.* interiori potissimùm *radicis.* In Sylvis. *The* **Black Alder.**

A. **Fumaria** *Offic.* purpurea *Ger.* Raij *Cat. Angl. & H. Pl.* 482. Usu *tota Herba.* Præp. *Aq. Consf. Syr. Simp. & Comp. Pil. & Sal* In satis & aggeribus terrenis frequens est. **Fumitory.**

A. **Fungus Sambucinus** seu **Auricula Judæ** *Offic.& Ger.* Raij *Cat. Angl. & H. Pl.* 1054. In *Sambuci* caudice frequenter nascitur. **Jews-Ear.**

A. **Geranium Columbinum** & Pes Columbinus *Offic.* vulgare *Park.* Raij *Cat. Angl. & H. Pl.* 1059. Usu *Fol.* ad sepes & vias. **Doves-Foot** or **Doves Foot Cranes-Bill.**

A. **Nymphæa Ranæ** *Offic.* Nymphea alba minima *C. B.* Raij *Cat. Angl. & H Pl.* 1320. Usu *Fol.* Hæc raritimè præscribuntur inter Medicos, sed aliquando substituuntur pro *Umbilico Veneris.* In Aquis cœnosis crescit. *The* **Least White Water Lilly** or **Frog-Bit.**

A. **Linum Catharticum** *Offic.* pratense flosculis exiguis *C. B.* Raij *Cat. Angl. & H. Pl.* 1076. Usu *Planta integra.* Floret *Junio* ac *Julio.* In Pascuis Siccioribus præsertim montosis. **Hill-Mountain** or **Purging Dwarf-wild-Flax.**

A. **Valeriana** seu **Phu minor** *Offic.* Sylv. magna aquatica. *J. B.* Raij *Cat. Angl. & H. Pl.* 288. Usu *Fol. & Rad.* In Sylvis & aquosis locis. **Great Wild Valerian.**

A. **Cyanus major** *Offic.* maj. vulgaris. *Park.* Raij *H. Pl.* 322. Usu *Fol. & Flor.* qui sæpe à nonnullis usurpantur loco *minoris.* **Great Blew Bottle.**

A. **Sophia Chirurgorum** *Offic. & Ger.* Nasturtium Sylvestre tenuissimè divisum. *C. B.* Raij *Cat. Angl. & H. Pl.* 812 Usu *Fol. & Sem.* In ruderatis & incultis locis. **Flixweed.**

A. **Ligustrum** *Offic.* vulgare. *Park.* Raij *Cat. Angl. & H. Pl.* 1603. Usu *Fol.* Floret tota ferè æstate. In Sylvis & Sepibus. **Primprint** or **Privet.**

A. **Sedum majus** seu **Sempervivum** *Offic.* majus vulgare *C. B.* Raij *Cat. Angl. & H. Pl.* 687. Usu *Fol.* In Muris & Tectis provenit. **Common Houseleek.**

Rhabarbarum *Offic.* Rha verum Antiquorum *Ger.* Raij *H. Pl.* 170. Usu *Rad.* Præp. *Syr. Troch. Pil. & Extr.* **Rhubarb.**

Lapathum Patientia *Offic.* hortense fol. oblongo sive secundum *Dioscoridis C. B.* Raij *H Pl.* 451. Usu *Rad.* In Hortis nutritur. **Garden Patience** or **Monks-Rhubarb.**

A. **Viola Martia** *Offic.* purpurea fl. simplici odoro *C. B.* Raij *Cat. Angl. & H. Pl.* 1049. Usu *Sem. Fol.* quæ sunt è numero *Herbarum quinque Emollientium,* & *Flor.* qui inter *quatuor Cordiales* locum obtinent. *Martio & Aprili* floret. in aggeribus Sepium. *The* **Violet.**

Armeniaca Mala *Offic.* Malus Armeniaca major *Park.* Raij *H. Pl.* 1514. Usu *Fruct. & Nuclea.* Præp. Ol. per expres. *Chrysomelinum* dictum. *The* **Apricock-Tree.**

A. **Marrubium Nigrum** *Offic.* nigrum fœtidum, *Ballote Dioscoridis C. B.* Raij *Cat. Angl. & H. Pl.* 571. Usu *Fol.* in ruderatis & ad sepes. **Stinking Horehound.**

A. **Vinca pervinca** *Offic.* Clematis Daphnoides minor *C. B.* Raij *Cat. Angl. & H. Pl.* 1091. Usu *Fol.* Ad sepes & in aggeribus fossarum. **Periwinckle.**

Anthora seu **Antithora** *Offic.* Antithora flore luteo Aconiti *J. B. Raij H. Pl.* 705. Usu *Rad.* In *Alpibus Helveticis,* in *Sabaudia* &c. crescit. *The* **Wholesome Helmet Flower.**

A. **Gnaphalium** longifolium humile ramosum capitulis nigris Raij *H. Pl.* 295. & *Cat. Angl.* Usu *Herba tota.* loco *Pedis Cati* seu *Gnaphalij* Offic. usurpatur. In Scrobibus siccis & locis depressioribus reperitur. **Blackheaded Cudweed.**

Myrrhis *Offic.* magno semine longo sulcato. *J. B.* Raij *H. Pl.* 431. Usu *Fol. & Sem.* Præp. *Aq. Maio* floret. **Great sweet Garden Chervil** or **sweet Cicely.**

A. **Perfoliata** *Offic.* vulgaris *Ger.* Raij *Cat. Angl. & H. Pl.* 471. Usu *tota Planta.* Inter Segetes. **Thorow-Wax.**

Stramonium *Offic.* Solanum fœtidum pomo spinoso oblongo *C. B.* Raij *H. Pl.* 505. Usu *Fol. & Sem.* Pro *Ung.* In Hortis colitur. *The* **Thorn Apple.**

A. **Faniculum** *Offic.* vulg. Germanicum *C. B.* Raij *Cat. Angl. & H. Pl.* 457. Usu *Rad.* quæ inter *quinque* ac etiam inter *duas Radices Aperientes* locum obtinet, & *Sem.* quod inter *quatuor calida majora Carminativa* annumerat. Præp. *Aq. Syr. & Ol.* Semen in Autumno perficit. **Common Fennel.**

Asclepias & Vincetoxicum *Offic.* fl. albo *C. B.* Raij *H. Pl.* 1096. Usu *Rad.* In Hortis Curiosorum nutritur. **Swallow-wort.**

Asphodelus Luteus & Hasta Regia *Offic.* luteo & flore & radice *C. B.* Raij *H. Pl.* 1192. Usu *Rad.* In Hortis Botanicis nonnunquam reperitur. **Yellow Asphodel** or **Kings-Spear.**

A. **Buglossum Sylvestre** *Offic.* Sylvaticum *C. B.* Raij *Cat. Angl. & H. Pl.* 494. Usu *Rad.* Inter segetes & in Arvis requietis passim occurrit. **Small Wild Bugloss.**

A. **Britannica** Antiquorum **Vera** *Munting.* in Phytographia de verâ Antiquorum Herbâ Britannicâ. Lapathum maximum aquaticum sive Hydrolapathum *J. B.* Raij *Cat. Angl. & H. Pl.* 171. Usu *Tota Planta* sed præcipuè *Radices.* In palustribus ac stagnantibus locis. *The* **True Britannica** of the **Ancients.**

A. **Cyanus Minor** *Offic.* vulgaris *Park.* Raij *Cat. Angl. & H. Pl.* 321. Usu *Flor.* inter segetes *Maio & Junio* Floret. *The* **Corn-Flower** or **Blew Bottle.**

A. **Cardiaca** *Offic. & Park.* Raij *Cat. Angl. & H. Pl.* 444. Usu *Fol.* In incultis & ruderatis locis, *Julio* Floret. **Motherwort.**

A. **Cruciata** *Offic.* hirsuta *C. B.* Raij *Cat. Angl. & H. Pl.* 479. Usu *Fol.* Ad sepes & in Dumetis. **Mugwed** or **Cross-wort.**

Epithymum *Offic.* sive *Cuscuta* minor *C. B.* Raij *H. Pl.* 1094. Usu *Integra Planta.* Præp. *Syr.* Variis Herbis adnascitur. **Epithymum** or **Dodder** of **Time.**

A. **Erica** *Offic.* vulg. humilis sempervirens fl. purpureo & albo *J. B.* Raij *Cat. Angl. & H. Pl.* 1513. Usu *Fol. & Flor.* In Ericetis. **Common Heath.**

A. **Ulmus** *Offic.* vulgatissimus fol. lato scabro *Cor.* Raij *Cat. Angl. & H. Pl.* 1421. Usu *Rad. Fol. Cort.* In Sepibus & Sylvis crescit. *The* **Elm.**

A. **Ulmaria & Regina Prati** *Offic.* Portæ Capitibus compactis *C. B.* Raij *Cat. Angl. & H. Pl.* 633. Usu *Fol.* Præp. *Aq. Junio & Julio* floret, in Pratis Humidis frequenter occurrit. **Meadow-Sweet.**

A. **Urtica** *Offic.* urens maxima *C. B.* Raij *Cat. Angl. & H. Pl.* 160. Usu *Herba tota.* Præp. *Aq.* Æstate floret, ad sepes & in locis ruderatis. **Common Nettle.**

Cinara & Scolymus *Offic.* Sativus Spinosus & non Spinosus *J. B.* Raij *H. Pl.* 299. Usu *Fol. Caulis & Capitum Squammæ,* sed frequentiùs in *Cultis* quam in *Officinis* usurpatur. **Artichoke.**

Rosa Damascena *Ger.* & pallida *Offic.* Raij *H. Pl.* 1168. Usu *Flor.* Præp. *Aq. Spt. Conf. Mel. Syr.* &c. *The* **Damask Rose.**

Rosa Rubra *Offic. & Ger.* Raij *H. Pl.* 1468. Usu *Flor.* (qui inter quatuor *Cordiales Flores* recensentur) & *Antheræ.* Præp. *Aq. Conf. Syr. Mel. Ol. Ung.* &c. *The* **Red Rose.**

Sumach & Rhois Obsoniorum *Offic.* Rhus folio Ulmi *C. B.* Raij *H. Pl.* 1592. Usu *Fol. & Sem.* In *Hispania & Gallia* crescit. **Common Sumach.**

Terebinthus Vulgaris *Offic. & C. B.* Raij *H. Pl.* 1577. *N. B.* Terebinthinam veram, Officinis esse ignotam; Officinalemque esse vel resinam *Laricis,* vel *Abiegnam.* The **Turpentine-Tree.**

Hortus Siccus Pharmaceuticus:

SIVE,

Collectio Curiosissima Plantarum Officinalium;

Tàm Exoticarum quàm Indigenarum, Alphabetico Ordine diligenter digesta.

CUM

Synonymis Necessariis, Locis Natalibus & Tempore Vigendi.

Accesserunt etiàm illarum Partes ac Preparationes quæ maximè sunt in Usu.

Explicatio Nominum Abbreviatorum.

Litera in Margine posita indicat plantas illas quibus præfigitur, aut Angliæ Indigenas esse, aut in Agris passim crescere.

B. *Caspari Bauhini Pinax.*

Gerardi Historia emaculata à Tho. Johnsono.

Joannis Bauhini Plantarum Historia Universalis.

Exhibet Nomina Plantarum, quibus vulgò vocantur in Officinis nostris.

Joannis Parkinsoni Theatrum Botanicum.

Præp. *Enarrat Præparationes seu Medicamenta quæ in Officinis nostris frequentissimè exhibentur.*

Raij Cat. Angl. *Denotat Catalogum Plantarum Angliæ & Insularum adjacentium.*

Raij H. Pl. *Indicat Historiam Plantarum Universalem ab Eruditissimo Viro & Botanico Peritissimo* D. Joanne Raio *nuper Editam.*

Usu *Explicat Partes istius Plantæ quæ in Arte Pharmaceuticâ quotidiè usurpantur.*

Psyllium *Offic.* seu *Pulicaris Herba. Ger.* Raij *H. Pl.* 881. Usu *Sem.* quod in *Autumno* perficitur. **Flea-wort.**

Plantago Angustifolia seu **Quinquenervia** *Offic.* Raij *Cat. Angl.* & *H. Pl.* 8-8. Usu *Fol.* in *Pascuis* frequens. **Ribwort** or **Ribwort Plantain.**

Polygonatum & **Sigillum Solomonis** *Offic.* Latum vulg. *C. B. Raij Cat. Angl.* & *H. Pl.* 664. Usu *Rad.* & *Bacc.* In *Sylvis* quibusdam in *Occidentalibus Angliæ partibus.* **Solomons Seal.**

Polygonum & **Centinodia** *Offic.* & *J. B.* Raij *Cat. Angl.* & *H. Pl.* 134. Usu *Herba.* Præp. *Aq.* in *Arvis* & juxta *Semitas* passim. **Knot-grass.**

Polypodium *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 137. Usu *Rad.* Præp. *Ol. Stil.* In *Muris* antiquis, *Truncis Arborum* & ad earum radices. **Polypody.**

Populus *Offic.* nigra *Ger.* Raij *Cat. Angl.* & *H. Pl.* 1417. Usu *Gemmæ.* Præp. *Ol.* & *Ung.* ad *Ripas fluviorum* & in *Aquosis.* The **Black Poplar.**

Porrum *Offic.* commune capitatum *C. B.* Raij *H. Pl.* 1126. Usu *Rad.* & *Fol.* Præp. *Aq.* in *Hortis* colitur. **Leeks.**

Portulaca *Offic.* Hortensis Latifolia *J. B.* Raij *H. Pl.* 1039. Usu *Fol.* & *Sem.* quod inter quatuor *Sem. frigid.* minora locum obtinet. Præp. *Aq. Syr.* & *Lohoc.* **Garden Purslain.**

Paralysis & *Primula Veris* Offic. odorata fl. luteo simplici. *J. B.* Raij *Cat. Angl.* & *H. Pl.* 1081. Usu *Fol.* ac *Flor.* Præp. *Aq. Syr.* & *Conf.* Aprili floret in *Pascuis* ubique. **Paigles** or **Cowslips.**

A. **Prunella** *Offic.* Vulgaris *Park.* Raij *Cat. Angl.* & *H. Pl.* 551. Usu *Fol.* ac *Flor.* Præp. *Aq.* Floret *Junio* in *Pascuis.* **Self-heal.**

Persica *Offic.* mas Persica *J. B.* Raij *H. Pl.* 1515. Usu *Flor. Nucl.* & *Fruct.* Præp. *Syr. Martio* & *Aprili* floret, *Fructus* Septembri perficitur. *The* **Peach.**

A. **Persicaria** seu **Hydropiper** *Offic.* vulg. acris seu minor. *Park.* Raij *Cat. Angl.* & *H. Pl.* 183. Usu Fol. *Julio* & *Augusto* floret ad *Rivulos* & *Fossas.* **Lake-weed** or **Arsmart.**

A. **Petasites** *Offic.* vulg. rubens rotundiore fol. *C.B.* Raij *Cat. Angl.* & *H. Pl.* 260. Usu *Rad.* Floret initio *Veris* & in aquosis ac *Palustribus* crescit. **Pestilent-wort** or **Butter-Bur.**

Phu seu **Valeriana** *Offic.* Valeriana major, odorata radice *J. B.* Raij *H. Pl.* 388. Usu *Fol.* & *Rad.* in *Hortis* crescit. **Great Garden Valerian** or **Sett-wall.**

A. **Phyllitis** & **Lingua Cervina** *Offic. C. B.* Raij *Cat. Angl.* & *H. Pl.* 135. Usu *Fol.* quæ inter quinque *Herbas* Capillares enumerantur. In *Umbrosis, Uliginosis* & *Saxosis.* **Harts-Tongue.**

A. **Pilosella, Auricula Muris.** *Offic.* minor vulg. repens *Park.* Raij *Cat. Angl.* & *H. Pl.* 242. Usu *Fol.* cum *Flor.* Præp. *Aq.* & *Syr. Comp. Junio* & *Julio* interdam etiam *Maio* floret in *Pascuis arenosis.* **Mouse-Ear.**

A. **Plantago Latifolia** *Offic.* Vulgaris, *Park.* Raij *Cat.* & *Syr. Julio* spicas fert. Ad *vias* ubique **Way-bread** or **Plantain.**

A. **Pimpinella Sanguisorba** *Offic.* vulg. seu minor. *Park.* Raij *Cat. Angl.* et *H. Pl.* 401. Usu *Fol.* et *Rad.* Præp. *Aq.* in montosis pratis et pascuis. **Swall Burnet.**

Piper Indicum sive **Capsicum** *Offic.* Raij *H. Pl.* 676. Usu *Siliquæ,* sed cautè usurpandæ. **Guinny Pepper.**

Pistachia *Offic.* et *Ger.* Raij *H. Pl.* 1682. Usu *Nuclea* cum *Cort.* ejus. In *Persia, Syria, Italia,* &c. nascitur. *The* **Pistachio** or **Fistick Nut-Tree.**

A. **Ptarmica** *Offic.* vulg. fol. longo serrato fl. albo. *J. B. Raij Cat. Angl.* & *H. Pl.* 344. Usu *Rad.* & *Fol.* Junio Floret. In *Pratis* udis & *Palustribus.* **Sneezwort** or **Bastard Pellitory.**

A. **Pulegium Regale** *Offic.* latifolium *C. B.* Raij *Cat. Angl.* & *H. Pl.* 533. Usu *Fol.* & *Flor.* Præp. *Aq. Spt.* & *Ol. Stil.* Junio & Julio Floret. In Locis Palustribus & aquosis gaudet. **Pudding-Grass** or **Penny Royal.**

Pulmonaria maculosa *Offic.* & *Ger.* Raij *H. Pl.* 488. Usu *Fol.* cum *Flor.* Præp. *Aq.* Aprili *Floret.* **Jerusalem Cowslips, Sage** of **Jerusalem** or **Spotted Lungwort.**

Pyrus *Offic.* Sativus *C. B.* Raij *H. Pl.* 1450. Usu *Fruct.* Aprili & Maio *Floret,* & per totam ferè ætatem *Fructus* maturat. *The* **Pear-Tree.**

Salvia Hort. major *Offic.* major vulg. *Park.* Raij *H. Pl.* 509. Usu *Fol.* & *Flor.* Præp. ex Flor. *Conf.* ex Fol. *Aq.* & *Syr.* Junio & Julio *floret.* **Common Sage.**

A. **Salvia Sylvestris** seu **Scordonia** Offic. *Scordotis* seu *Scordium* Fol. Salviæ *J. B.* Raij *H. Pl.* 570. & *Cat. Angl.* Usu *Fol.* In Sylvis & dumetis crescit. **Wood Sage.**

A. **Sambucus** *Offic.* fructu in umbella nigro *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1609. Usu *Fol.* & ejus *Gemmæ, Flor. Cort.* & *Baccæ.* Præp. ex *Fol.* Ung. ex *Flor.* Aq. et Ol. ex *Bacc.* Aq. Syr. Symp. & Comp. Vin. Rob. & Trag. Gr. Æstes, *Maio* & *Junio* Floret, *Baccæ* Maturescunt *Autumno.* In sepibus & locis ruderatis. **Elder.**

A. **Saxifraga Alba** *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 1004. Usu *Fol.* cum *Flor.* & *Rad. granulosis.* circa finem *Aprilis* & Initio *Maii* floret, in *Pratis* & *Pascuis siccioribus* crescit. **White Saxifrage.**

A. **Scordium** *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 576. Usu *Fol.* Præp. *Tinct.* & *Aq. Comp. Junio* ac *Julio* Floret, in *Locis Humidis.* **Water Germander** or **Scordium.**

Scorzonera Hispanica *Offic.* seu *Viperaria Ger.* Raij *H. Pl.* 248. Usu *Rad.* in Hortis nostris *Julio* mense Floret. **Vipers Grass** or **Scorzonera.**

A. **Scrophularia** *Offic.* nodosa fœtida *C. B.* Raij *Cat. Angl.* & *H. Pl.* 764. Usu *Fol.* & *Rad.* Floret *Julio* & *Augusto* in Dumetis & Sepibus. **Brown-wort** or **Figwort.**

A. **Secale** *Offic.* vulgatius *Park.* Raij *Cat. Angl.* & *H. Pl.* 1241. Usu *Grana. Julio* maturant, & in *Agris* seruntur. **Rie.**

A. **Senecio** & **Erygeron** *Offic.* minor vulg. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 2900. Usu *Herba integra.* Vere Florere incipit & per totam æstatem durat. In Arvis, Hortis, & Areis ubique occurrit. **Groundsell.**

A. **Serpillum Citratum** *Ger.* seu foliis Citri odore *C. B.* Raij *Cat. Angl.* & *H. Pl.* 522. Usu tota *Herba.* Præp. *Aq. Spt.* & *Ol. Stil.* in *montosis* sed rarius. **Lemon Thyme.**

A. **Serpillum** *Offic.* Vulg. minus *Park.* Raij *Cat. Angl.* & *H. Pl.* 521. Usu *Fol.* cum *Flor.* Præp. *Aq. Maio* et *Junio* Floret. In *Montosis* et *Pascuis Siccioribus.* **Mother** of **Thyme.**

A. **Soldanella,** et **Brassica marina** *Offic.* vulg. seu *Volubilis* marina *Park.* Raij *Cat. Angl.* & *H. Pl.* 26. Usu *Fol.* in *Littoribus Maris Arenosis.* **Sea Bind-weed, Sea Cole-wort** or **Scottish Scurvy-Grass.**

Golanum *Offic.* Hortense seu Vulgare *J. B.* Raij *Cat.* [illegible] & *H. Pl.* 6-2. Usu *Fol.* Præp. *Aq.* & *Ung. Augusto* [illegible] *Septembri* mensibus floret, in fimetis & locis ruderatis. [illegible] Night-shade.

Sonchus Lævis *Offic.* vulg. *Park.* Raij *Cat. Angl.* [illegible] *H. Pl.* 222. Usu *Fol.* in hortis, vineis & sepibus. Smooth Sow-Thistle or Hares Lettice.

Stœchas Arabica *Offic.* vulgaris *Park.* Raij *H. Pl.* [illegible] Usu *Spica Florum.* Præp. *Syr.* Maio & Aprili floret. Stœchadove or French Lavender.

Storax Liquida *Offic.* Aceris folio Raij *H. Pl.* 1681. [illegible] A bore fundit Liquorem pinguem instar Balsami [illegible] fusum, graveolens & vocatur Liquid Storax.

Suber *Offic.* Latifolium perpetuò virens *C. B.* Raij [illegible] *Pl.* 1393. Usu *Cortex* quæ variis usibus infervit In *Hi-* [illegible] *Lusitania* &c. crescit. *The* Cork-Tree.

Tanacetum *Offic.* vulg. luteum *C. B.* Raij *Cat. Angl.* [illegible] *H. Pl.* 365. Usu *Herba* cum *Flor.* & *Sem.* Præp. *Aq.* & [illegible] *Junio* ac *Julio*; In montibus Borealibus Angliæ. Tansy.

Tamariscus *Offic.* Narbonensis *Ger. Raij H. Pl.* 1704. [illegible] et *Cort.* è Radice detracta. Præp. *Aq.* Maio & [illegible] Tamarisk.

[illegible] *Offic.* fem. fol. majore C. B. Raij *Cat. Angl.* & [illegible] Pl. 1694. Usu *Flor.* qui *Maio* & *Junio* producuntur. [illegible] In Areis et Compitis. *The* Lime, Line or Linden Tree.

Tanacetum *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 484. [illegible] vel *Planta integra.* Præp. *Aq.* ad Sepes & inter [illegible]. Clevers or Goose-Grass.

Tgeratum & Eupatorium Vetus *Offic.* Balsamita [illegible] Tgeratum *Ger.* Raij *H. Pl.* 364. Usu *Fol.* & [illegible] seu Ageratum. Præp. *Syr. Pil.* & *Troch.* Maudlin or Maudlin-Colly.

Larix folio deciduo Conifera J. B. Agaricus seu Aga- [illegible] *Offic.* Raij *H. Pl.* 167. Fungus est albicans truncis [illegible] A boris adnascens. Præp. *Extract. Troch.* & *Pil. The* Larch Tree Mushrome or Agarick.

Chaphalium minus seu *Herba Impia Park.* Raij *Cat.* [illegible] & *Hist. Plant.* 293. Usu *Planta integra.* Præp. *Aq.* [illegible] sæpe usurpatur pro vero illo Officinarum, (quod [illegible] halium montanum seu Pes Cati *Park.* est) In ficci- [illegible] sterilioribus & ad vias passim. Herb Impious or Cudweed.

[illegible] *Offic.* distichum *Park.* Raij *Cat. Angl.* & *H. Pl.* [illegible] Usu *Grana* & ejus *Farina,* in Agris seritur. Com- [illegible] Barley.

Hyoscyamus niger *Offic.* & *Ger. Raij Cat. Angl.* & *H.* [illegible] 511. Usu *Fol. Rad.* & *Sem.* quod usurpatur loco *Albi.* [illegible] Hinetis et Locis ruderatis, Junio Floret. Henbane.

Illecebra *minor* seu *Vermicularis Offic.* Sedum parvum [illegible] fl. luteo. *J. B.* Raij *Cat. Angl.* & *H. Pl.* 1041. Usu [illegible] cum *Flor.* In muris, tectis et ficcioribus, Junio Flo- [illegible]. Wall-Pepper or Stone-crop.

Laurcola *Offic.* Semper-virens fl. luteolo *J. B. Raij* [illegible] *Angl.* & *H. Pl.* 1587. Usu *Fol.* et *Bacc.* In Sylvis et Se- [illegible] Februario et Martii initio Floret, *Fructus* Æstatis [illegible] et adventante Autumno maturitatem consequuntur [illegible] et nigri sunt. Dwarfe or Spurge Lawrel.

Lichen Arborum seu Muscus Pulmonarius *Offic.* [illegible] Raij *Cat. Angl.* & *H. Pl.* 119. Arboribus præter- [illegible] Quercum adnascitur. Tree Lungwort or Oak- [illegible].

Lotus Urbana et Trifolium Odoratum *Offic.* Lotus Hortensis odora *C. B.* Raij *H Pl.* 950. Usu *Herba* [illegible] Flor. *Junio* et *Julio* Hortis Floret. Sweet Trefoil.

Malva *Offic.* vulg. fl. majore fol. sinuato *J. B.* Raij *Cat. Angl.* & *H. Pl.* 599. Usu *Fol. Flor. Sem.* Præp. *Aq. Conf. Syr. Junio* ac *Julio* Floret. In locis ruderatis & ad [illegible]. Common Mallows.

Fœnum Græcum *Offic.* Sativum, *Park.* Raij *H. Pl.* [illegible] *Sem.* quod in Autumno perficitur. Foenugreek.

A. Malus Sylvestris *Offic.* seu Agrestis *J. B.* Raij *Cat. Angl.* & *H. Pl.* 1444. Usu *Fruct.* è succo ejus Verjuice extrahitur. *Floret Aprili* et *Octobri* Fructus maturos profert. In Sylvis et Sepibus. *The* Wilding or Crab-Tree.

Majorana Latifolia seu major Anglica *Park.* Raij *H. Pl.* 539. Usu *Fol.* Pro Olere usurpatur, unde à Nostratibus dicitur Pot Marjoram.

Myrtus *Offic.* Communis Italica C. B. *Raij H. Pl.* 1502. Usu *Fol.* et *Bacc.* Præp. *Syr.* & *Ol.* In Regionibus calidis crescit. *The* Myrtle.

Nicotiana major Latifolia C. B. Raij *H. Pl.* 713. Fumi Nicotianæ in Tubo accensæ ore attracti et redditi per totam *Europam* Usus est creberrimus. Ex *Virginia,* in magna Copia nobis Transportatur. Virginia Tobacco.

Pinus *Offic.* Sativa *C. B.* Raij *H. Pl.* 1398. Usu *Nuces Cort.* & *Fol.* In *Italia, Gallia* &c. provenit. The Pine Tree.

A. Scabiosa *Offic.* major vulg. *Ger.* Raij *Cat. Angl.* & *H. Pl.* 374. Usu *Fol.* Præp. *Valent. Scab. Aq. Syr. Simp.* et *Comp.* Junio & Julio floret in Pascuis, nec minus inter segetes frequens est. Scabious.

Tamarindus *Offic.* & *Ger. Raij H P.* 1748. Usu *Pulpa acida nigra* quæ in siliqua conditur. In Arabia & utraque India crescit. *The* Tamarind Tree.

A. Verbascum & Thapsus Barbatus *Offic.* mas Latifolium luteum *C. B.* Raij *Cat. Angl.* & *H Pl.* 1004. Usu *Fol.* & *Flor.* Præp. *Tapsimel.* & *Tapsvachanta.* Cows-Lungwort, High-taper or Mullein.

A. Tithymalus *Offic.* Sylvaticus toto anno folia retinens. *J. B. Raij Cat. Angl.* & *H. Pl.* 863. Usu *Fol.* In Sylvis & Dumetis crescit. Wood Spurge.

A. Thlaspi *Offic.* Vaccariæ folio *Park.* Raij *Cat. Angl.* & *H. Pl.* 811. Usu *Sem.* inter Segetes reperitur. Mithridate Mustard.

A. Tormentilla *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 617. Usu *Fol.* & *Rad.* Præp. *Aq.* In Pascuis montosis, & ficcioribus. Septfoil or Tormentil.

Tragacantha *Offic.* vera. *Park.* Raij *H. Pl.* 933. Usu *Gummi* quod *Tragacantha* dicitur, & exudat radice incisa vel (ut alij volunt) sponte sua. In *Sicilia* &c. provenit. *The True* Goats-Thorn.

Sabina *Offic.* vulg. *Park.* Raij *H. Pl.* 1415. Usu *Fol.* Præp. *Aq. Ol. Stil.* & *Infus.* Hæc nec *sterilis* neque *Baccifera* est (ut Antiqui Authores volunt) sed verè *Conifera.* ut primum observavit, & mihi ostendit D. *Sam. Dale* Vir in Cognitione stirpium apprimè gnarus. Savin.

Salvia Absinthites *Ger.* Raij *H. Pl.* 511. Usu *Fol.* quæ cum aqua cocta & parum sacchari edulcorata & epota instar *Thee* apud Ditiores magni æstimantur; & etiam à nonnullis dicitur viribus, *Thee* præstare. Wormwood Sage.

Malabathrum et Folium Indum *Offic.* & *J. B. Raij H. Pl.* 1563. Usu *Fol.* quæ in *nostris Officinis* nunc usurpantur sunt *Cinamomi Sylvestris* species. *Malabathrum Antiquorum* quid sit inter Botanicos nondum convenit. Tamalapatra or the Indian Leaf.

Sorbus *Offic.* sativa C. *B.* Raij *H. Pl.* 1456. Usu *Fruct.* qui *Septembri* perficitur. In *Italia* & *Germania* frequens est. The Sorb or True Servise Tree.

A. Spatula fœtida & Xyris *Offic.* Xyris seu spatula fœtida. *C. B. Raij Cat. Angl.* & *H. Pl.* 1190. Usu *Rad.* In sepibus & Dumetis. Stinking Gladdon or Gladwyn.

Spinachia *Offic.* Lapathum Hortense seu Spinachia semine spinoso. *C. B* Raij *H. Pl.* 162. Usu *Fol.* quæ inter *Plantas Culinarias* celebrantur. Colitur in *Hortis.* Spinache.

Hypocistis *Offic.* Cistus mas vulg. *Park.* Raij *H. Pl.* 1007. è radicibus hujus Fruticis *Hypocistis* excrescit eodem modo ut *Orobanche* (cujus species est) è radicibus *Genistæ* & aliarum Plantarum frequenter adnascitur. Ex Succo ejus in Sole exiccato *Hypocistis* præparatur, quod nostris *Antidotis* sæpe ingreditur. Hypocistis.

A. Verbena *Offic.* communis cæruleo flore *C. B.* Raij *Cat. Angl.* & *H. Pl.* 535. Usu *Herba integra.* Præp. *Aq.* & *Ol. Infus.* Æstate *floret.* in Areis & compitis. Vervain.

Labdanum *Offic.* Cistus Ledon foliis Laurinis *C. B.* Raij *H. Pl.* 1009. E Foliis cujus exudat Liquor quidam *Labdanum* seu *Ladanum* dictus. Modus colligendi tradit *Dioscorides.* Labdanum.

A. Veronica *Offic.* mas vulgaris supina. *Park.* Raij *Cat. Angl.* & *H. Pl.* 851. Usu *Fol.* cum *Flor.* Præp. *Aq.* Mense Julio floret. In Arenosis & Sabulosis delectatur. Male Speedwel or Fluellin.

A. Virga Aurea *Offic.* vulg. Latifolia *J. B.* Raij *Cat. Angl.* & *H. Pl.* 278. Usu *Fol.* cum *Flor.* Præp. *Aq.* Augusto *Floret.* In montosis Sylvis & Ericetis. Golden Rod.

A. Viscum *Ger.* vulg. Baccis albis *C. B. Raij Cat. Angl.* & *H. Pl.* 1533. Usu *Fol.* initio veris floret & Baccæ per totam Hyemen durant. Semper virens est & Frutex peculiaris variis Arboribus innascens. Misle-toe.

Vitis Vinifera *C. B.* Raij *H Pl.* 1612. Usu *Fol.* ac etiam *Lachrymæ* ex amputatis palmitibus extillantes; sic et *Vinum, Tartarus, Uvæ Passæ, Agrestæ.* &c. ex quibus variæ *Præparationes* fiunt. In Vineis & Hortis diligenter coluntur. In *Autumno Fructus* maturatu. *The* Grape or Vine.

A. Triticum *Offic.* Spica mutica *Ger.* Raij *Cat. Angl.* & *H. Pl.* 1236. Usu *Frumenta.* Seritur in Agris. Wheat.

A. Trifolium paludosum *Ger.* Fibrianum *Tabernamontani* & *Germanorum.* Usu *Fol.* Maio & Junio Flores, In paludibus & aquosis. Buck-beans or Marsh-Trefoil.

A. Tussilago & Farfara *Offic.* vulg. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 259. Usu *Fol. Flor.* & *Rad.* Præp. *Aq.* & *Syr.* Martio *floret,* antequam emittit *Folia,* ideoque a nonnullis *Filius ante Patrem* dicitur. Circa Scaturigines aquarum & loca rigua provenire amat. Foals-Foot or Colts Foot.

A. Valeriana Græca *Ger.* & *Park.* Raij *Cat. Angl.* & *H. Pl.* 1102. Hæc Planta frequenter à *Mulierculis nostris Botanophyllis* falsò venditur, loco aliarum Specierum Officinalium *Valerianarum. The* Greek Valerian, and by some Jacob's Ladder.

Olea *Offic.* sativa *C. B.* Raij *H. Pl.* 1541. Usu *Fruct.* in Muria conditi antequam plane maturuerint, à variis ejiciuntur & Æstimantur, ac etiam præbent *Oleum* duorum generum. 1. Quod exprimitur a *Fructibus maturis* est *Ol. Olivarum commune.* Oyl Olive, or Sallet Oyl. 2. Quod ex *Olivis immaturis* deducitur *Ol. Omphacinum* dicitur. *The* Olive Tree.

Petroselinum *Offic.* Apium Hortense seu Petroselinum vulgò. *C. B.* Raij *H. Pl.* 488. Usu *Sem. Fol.* & *Rad.* quæ & inter *duas* ac etiam inter *quinque* Radices Aperientes locum obtinet. Præp. *Aq.* Floret *Junio* ac *Julio.* Garden Parsly.

A. Consolida major, seu Symphytum *Offic.* Symphytum majus vulgare. *Park.* Raij *Cat. Angl.* & *H. Pl.* 505. Usu *Fol. Flor. Rad.* Præp. *Aq. Syr. Conf. Extr.* Floret *Maio* ac *Junio.* In Aquosis, ad Rivos & Fossas. Great Comfry.

A. Enula Campana, sive Helenium *Offic.* & *Park.* Raij *Cat. Angl.* & *H. Pl.* 272. Usu *Rad.* Præp. *Condit. Aq Ol.* & *Ung.* In Pratis & Pascuis humidioribus, *Junio* & *Julio* floret. Elecampane.

A. Equisetum & Cauda Equina *Offic.* arvense Longioribus setis. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 128. Usu *Fol.* In Arvis. Horse-tail.

A. Erysimum *Offic.* vulgare *C. B.* Raij *Cat. Angl.* & *H. Pl.* 810. Usu *Herba tota.* Præp. *Syr.* Ad Sepes & muros *Junio* & *Julio* floret. Hedge Mustard.

Ficus & Carica *Offic.* vulgaris *Park.* Raij *H. Pl.* 1431. Usu *Fruct.* qui post biennium maturantur. In Hortis nostris sæpe nutritur. *The* Figg-Tree.

A. Filix mas *Offic.* mas non ramosa pinnulis latis densis minutim dentatis. *Ger.* Raij *Cat. Angl.* & *H. Pl.* 142. Usu *Rad.* In aggeribus sepium præsertim umbrosis. Male Fern.

A. **Euphrasia** *Offic.* & *C. B.* Raij *H. Pl.* 771. Uſu *Herba* cum *Flor.* Præp. *Aq.* & *Conſ.* Poſt mediam ferè æſtatem in Autumnum uſque Floret. In paſcuis ſterilioribus. **Eye-bright.**

A. **Faba** *Offic.* major Hortenſis *Ger.* Raij *Cat. Angl.* & *H. Pl.* 360. Uſu *Flor. Sem.* & ejus *Farina.* Præp. *Sal.* & *Aq.* [illegible] & *Stirp.* In Hortis ſeritur & Agris, *Aprilj* & *Maio* Floret, *Julio* & *Auguſto* fructum fert. **Garden Beans.**

A. **Filipendula** *Offic.* vulg. *Park* Raij *Cat. Angl.* & *H. Pl.* 323. Uſu Rad. *Junio* & *Julio* Floret, in pratis & Paſcuis montoſis. **Dyop-wort.**

A. **Melilotus** *Offic.* Germaniæ *C.B. Raij H.Pl.* 951. & *Cat. Angl.* Uſu *Fol.* & *Flor.* Præp. *Empl S.* & *Comp.* Junio & Julio floret, ad ſepes & in arvis. **Common Melilot.**

A. **Naſturtium** Aquaticum *Offic.* aquat. vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 816. Uſu *Herba* tota. Præp. *Aq.* & *Spt.* Julio & Auguſto Menſibus floret, in Aquis & ad Rivulos frequens. **Water Creſſes.**

A. **Filix Fœmina** *Offic.* ramoſa major pinnulis obtuſis non dentatis. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 149. Uſu *Rad.* Ubique nimis frequens. **Female Fern,** or **Common Brakes.**

A. **Fragaria** *Offic.* vulgaris *C.B.* Raij *Cat. Angl.* & *H Pl.* [illegible] Uſu *Fol.* & *Fruct.* Præp. *Aq. Syr.* & *Tinct.* In Sylvis & Hortis, *Junio* Fructus fert. **Common Strawberry.**

Galega & **Ruta Capraria.** *Offic.* vulgaris *Park.* Raij *H. Pl.* 911. Uſu *Herba* cum *Flor.* Præp. *Aq.* & *Conſ.* Junio & Julio in Hortis floret. **Goats Rue.**

A. **Gallium** *Offic.* luteum *C. B. Raij Cat. Angl.* & *H. Pl.* [illegible] *Herba tota.* In Paſcuis ſiccioribus paſſim. **Cheeſe Rening,** or **Yellow Ladies Bed-ſtraw.**

A. **Geniſta** *Offic.* vulg. & Scoparia *Park.* Raij *H. Pl.* 1723 & *Cat. Angl.* Uſu *Fol. Flor.* & *Sem.* Præp. *Aq. Conſ.* & *Sal.* Floret circa finem *Aprilis* & initio *Maij.* In Paſcuis arenoſis frequenter occurrit. **Common Broom.**

A. **Geranium Moſchatum** *Offic.* Cicutæ fol. Moſchatum ſol. ad Myrrhidem accedente majus *I. B.* Raij *H. Pl.* 1057. & *Cat. Angl.* Uſu *Fol.* Præp. *Aq. odorata.* In [illegible] ſed rarò. **Muſcovy,** or **Muſked Cranes-Bill.**

Geranium & **Baſilicum** *Offic.* Vulg. majus *Park. Par. H Pl.* 521. Uſu *Fol.* ac Sem. *Floret* Junio & Julio, in Hortis Creſcit. **Baſil.**

A. **Glaſtifolium** *Offic.* ſive *Lingua Serpentina, Park.* Raij *Cat. Angl.* & *H. Pl.* 126. *Uſu* Planta integra. In Pratis humidis Aprilli & Maio luxuriat. **Adders-Tongue.**

A. **Origanum** *Offic.* Anglicum *Ger.* Raij *Cat. Angl.* & *H. Pl.* 539. *Uſu* Fol. cum Flor. *Præp.* Ol. ſtill. *Floret* Junio ac Julio in dumetis & ad Sepes. **Wild Marjoram.**

Paconia mas *Offic.* & *Park.* Raij *H. Pl.* 693. Uſu *Rad. Flor.* & *Sem.* Maio *Floret.* The **Male Peony.**

Polium Montanum *Offic.* Raij *H. Pl.* 524. *Uſu* Fol. & Flor. In *Italia* & *Gallia* creſcit. **Poley Mountain**

Naſturtium Hortenſe *Offic.* & *Ger.* Raij *H. Pl.* 825. Uſu *Fol.* (quæ in Acetarijs pe: ſæpe uſurpantur) ac *Sem.* Præp. *Aq.* Floret *Maio* & *Junio.* **Garden Creſſes.**

Naſturtium Indicum *Park.* Raij *H. Pl.* 787. Uſu *Flores* qui grati ſunt ſaporis & a quibuſdam ad *Viola* reducuntur. Præp. *Conſ.* in *Hortis* nutritur. *The* **Indian Creſs.**

A. **Nummularia** *Offic.* vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 1090. Uſu *Fol.* Præp. *Aq.* à *Maio* menſe in multam æſtatem Floret. In Foſſis & Pratis humidis. **Money-wort** or **Herb-two-pence.**

A. **Nepeta** *Offic.* major vulg. *Park. Mentha Felina* ſeu *Cattaria,* Ger. Raij *Cat. Angl.* & *H. Pl.* 548. Uſu *Herba tota.* Junio & Julio floret, ad ſepes invenitur. **Nepp** or **Catmint.**

Nicotiana *Petum* & *Tabacum* Offic. *Hyoſcyamus* luteus *Ger. Tabacco* Anglicum *Park.* Raij *H. Pl.* 715. Uſu *Fol.* & ejus *Succus.* Præp. *Aq. Ung.* & *Ol.* **Engliſh Tobacco,** and by ſome **Yellow Hen-bane.**

Nigella, *Melanthium* & a quibuſdam *Gith* Offic. *Nigella* fl. minore ſimplici candido *C. B. Raij H. Pl.* 1071. Uſu *Sem.* quæ valde odorata ſunt. **Nigella** or **Fennell Flower.**

A. **Nymphæa** & *Nenuphar* Offic. major alba. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1319. Uſu *Flor.* & *Rad.* Præp. *Syr.* Junio & Julio floret, in Lacubus et Fluviis. *The* **Water-Lilly.**

Melissa *Offic.* vulg. odore Citri *J. B.* Raij *H. Pl.* 572. Uſu *Herba tota.* Præp. *Aq.* & *Spt. Syr.* ac *Conſ.* Junio Julio & Auguſto Floret. **Baum.**

Melo *Offic.* vulg. *C. B.* Raij *H. Pl.* 644. Uſu *Sem.* quæ quatuor Seminibus frigidis Majoribus referuntur. *The* **Melon.**

Mentha *Offic.* anguſtifol. ſpicat. *C. B.* Raij *H. Pl.* 532. Uſu *Herba* cum *Flor.* Præp *Aq. Spt. Syr. Conſ.* & Ol. *Infuſ.* & *Stil.* Julio Floret. **Garden** or **Spear Mint.**

A. **Mercurialis,** *Bonus Henricus* & *Tota Bona* Offic. *Bitum Bonus Henricus* dictum Raij *H. Pl.* 195. Uſu *Fol.* Præp. *Syr.* & *Mel.* Aprili & Maio Floret, ad vias & in Oleraceis. **All good,** or **Engliſh Mercury.**

A. **Mum Athamanticum** *Offic.* fol. Anethi *C. B. Raij H. Pl.* 432. & *Cat. Angl.* Uſu *Rad.* Maio & Junio Floret. In *Pratis* & *Paſcuis* nonnunquam occurrit. **Mew** or **Spignell.**

A. **Millefolium** *Offic.* terreſtris vulg. *Ger.* Raij *Cat. Angl.* & *H. Pl.* 345. Uſu *Fol. Junio* Floret in *Paſcuis* ubique. **Yarrow** or **Millfoil.**

Morus *Offic.* nigra vulg. *Park.* Raij *H. Pl.* 1429. Uſu *Fruct.* qui in *Auguſto* matureſcit, Præp. *Syr.* et *Diamoron.* *The* **Black-Mulberry.**

A. **Muſcus Pyridatus** *Offic.* & *Ger. Raij Cat. Angl.* & *H. Pl.* 113. Uſu *Planta tota.* In *Aridis* Locis. **Cup** or **Chalice Moſs.**

Oxylapathum *Offic.* Lapathum Fol. acuto plano. *C. B.* Raij *Cat. Angl.* & *H Pl.* 102. Uſu *Rad.* & *Sem.* In incultis paſſim. **Sharp pointed Dock.**

Paconia Fœmina *Offic.* & *Ger.* Raij *H. Pl.* 644. Uſu *Rad. Flor.* & *Sem.* quod *Julio* ad maturitatem pervenit. Præp. *Aq. S.* & *Comp. Syr. Conſ.* The **Female Peony.**

Papaver album *Offic.* Hort. *ſem.* albo. *C. B. Raij Hiſt. Plant.* 853. Uſu *Capita* cum *Sem.* Præp. *Syr.* in *Hortis* colitur. *The* **White Garden Poppy.**

A. **Papaver Rhoeas** *Ger.* ſeu *Erraticum.* Offic. Raij *Cat. Angl.* & *H. Pl.* 855. Uſu *Flor.* Præp. *Aq. S.* & *Comp. Syr.* & *Conſ.* floret *Junio* inter *Segetes* paſſim. **Red Poppy** or **Corn-Roſe.**

A. **Parietaria** *Offic.* & Dioſc. *C. B* Raij *Cat. Angl.* & *H. Pl.* 789. Uſu *Fol.* quæ locum tenent inter *Herbæ* quinque *Emollientes.* Præp. *Aq.* In *Muris* & locis *Ruderatis.* **Pellitory of the Wall.**

A. **Paronychia Vulgaris** *Ger.* Raij *Cat. Angl.* & *H. Pl.* 789. Uſu *Herba tota* Martio *Floret.* In *Muris,* locis *Siccioribus* & *Arenoſis.* **Common Whitlow-Graſs.**

A. **Paronychia Rutaceo** Folio *Ger.* Raij *Cat. Angl.* & *H. Pl.* Uſu *Herba* integra floret *Aprili* & *Maio* in *Muris Tectis* & *Siccioribus.* **Rue Leav'd Whitlow Graſs.**

A. **Paſtinaca** Hortenſis *Offic.* Latifol. ſativa *Ger. Raij Cat. Angl.* & *H. Pl.* 410. Uſu *Rad.* & *Sem.* in Agris & Hortis colitur. **Garden Parſnip.**

Pepo *Offic* Cucurbita major rotunda flore luteo fol. aſpero. *C. B.* Raij *H. Pl.* 396. Uſu *Sem.* quæ ſunt e numero quatuor *frigidiorum majorum.* *The* **Pumpion,** called by the Vulgar, *The* **Melon.**

A. **Paſtinaca** ſativa tenuifolia *Ger.* Raij *Cat. Angl.* & *H. Pl.* 465. Uſu *Sem.* & *Rad.* quæ Culinariæ ſunt. In Agris ſeritur. *The* **Common Carrot.**

A. **Percepier** Anglorum Lobelij *Ger. Raij Cat. Angl.* & *H. Pl.* 209. Uſu *Herba* integra. Inter Segetes & in ſolo reſtibili ſteriliore paſſim. **Parſly-piert** or **Parſly break-Stone.**

A. **Quercus** *Offic.* vulg. *Ger.* Raij *Cat. Angl.* & *H. Pl.* 7605. Uſu *Fol.* Glandes eorumque Calyces. Præp. *Aq.* In Sylvis & Sepibus ubique vulgatiſſima. *The* **Oak.**

A. **Quinquefolium** & **Pentaphyllum** *Offic.* vulg. *Ger. Raij Cat. Angl.* & *H. Pl.* 611. Uſu *Fol.* et *Rad* per totam æſtatem Floret, ad ſemitas paſſim. **Five-leaved Graſs** or **Cinquefoil.**

Raphanus ſort enſis *Offic.* vulg. *Park.* Raij *H. Pl.* 804. Uſu *Rad.* & *Sem.* *The* **Garden Radiſh.**

A. **Raphanus Sylveſtris** ſeu **Ruſticanus** *Offic.* Sylveſt. ſeu *Armoracia* multis. *J. B. Raij H. Pl.* 818. & *Cat. Angl.* Uſu *Rad* Præp. *Aq. S.* & *Comp Spt.* & *Syr. Comp.* Locis humidis. **Horſe-Radiſh.**

A. **Rapa** *Offic.* ſativa rotunda *C. B.* Raij *Cat. Angl.* & *H Pl.* 800. Uſu *Rad.* Præp. *Aq.* & *Syr.* In Agris et Hortis paſſim ſeritur. *The* **Turnep.**

A. **Rhamnus Catharticus** et **Spina Cervina** *Offic.* ſolutivus ſeu *Spina Infectoria* vulg. *Park. Raij Cat. Angl.* et *H. Pl.* 1625. Uſu *Baccæ* quæ colligantur in fine *Septembris* aut initio *Octobris.* Præp. *Succ.* et *Syr.* In Sylvis & Sepibus Creſcit. *The* **Common Purging Thorn** or **Buckthorn.**

Roſa Alba *Offic.* & *Ger.* Raij *H. Pl.* 1473. Uſu *Flor.* Præp. *Aq.* Maio & Junio Hortis luxuriat. *The* **White Roſe.**

Rubia Tinctorum *Offic.* & *Ger.* Raij *H. Pl.* 480. Uſu *Rad.* In Hortis colitur. **Madder.**

Roſmarinus *Offic.* Hortenſis anguſtiore Fol. *C. B.* Raij *H. Pl.* 515. Uſu *Fol. Sem.* & *Flor.* qui **Anthos** vocantur. Præp. *Aq. Spt. Conſ.* et *Mel. Aprili* et *Maio* ac deinceps Floret. **Roſemary.**

A. **Ros Solis** *Offic.* fol. rotundo *Ger. Raij Cat. Angl.* et *H. Pl.* 1105. Uſu *Herba* tota. Præp. *Aq.* In paluſtribus. **Ros Solis** or **Sun-dew.**

Ribes *Offic.* vulg. fructu rubro *Ger.* Raij *H. Pl.* 1485. Uſu *Fruct.* Præp. *Rob* et *Syr.* Aprili menſe aut ſeriùs pro veris Conſtitutione floret. *Junio* & *Julio* Fruct. maturantur. **Red Currans.**

A. **Rubus** vulg. *Offic.* major fructu nigro *J. B.* Raij *Cat. Angl.* & *H. Pl.* 1639. Uſu *Fol.* & *Fruct.* quod in Autumno perficitur. Præp. *Syr.* & *Diamoron.* In Sepibus & Dumetis frequenter occurrit. *The* **Bramble** or **Black-berry Buſh.**

A. **Rubus Idæus** *Offic.* ſpinoſus fructu rubro. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1640. Uſu *Fruct.* Præp. *Aq.* & *Syr.* In Montibus Walliæ & Septentrionalibus Angliæ Creſcit. *The* **Hindberry, Framboiſe** or **Rasberry.**

A. **Ruſcus** & **Bruſcus** *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 664. Uſu *Rad.* quæ inter quinque Aperientes locum tenet. In Sepibus & Dumetis **Knee-Holm** or **Butchers-broom.**

Ruta Hortenſis, ſeu vulg *Offic.* hort. latifol. *C. B.* Raij *H. Pl.* 874. Uſu *Fol.* & *Sem.* Præp. *Aq. Conſ. Ol. Stil.* & *Infuſ. Ung.* In Hortis *Junio* floret. *The* **Herb of Grace** or **Rue.**

Salvia Hort. minor *Offic.* minor Auriculata *J. B.* Raij *H. Pl.* 510. Uſu *Fol.* **Pigg Sage,** or **Sage** of **Vertue.**

A. **Saponaria** *Offic.* vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 999. Uſu *Fol.* Floret *Junio, Julio* &c. in Arenoſis & ad Ripas fluviorum provenit. **Sope-wort.**

A. **Piſum** *Offic.* Raij *H. Pl.* 893 & *Cat. Angl.* Uſu *Sem.* in *Agris* ſeritur. **Peaſe.**

A. **Coralium Album** *Offic.* Raij *H. Pl.* 62. In Mari reperitur. **White Coral.**

Coralium Rubrum *Offic.* & *Ger.* Raij *H. Pl.* 60. eſt Frutex ſub aqua Marina generatus. *Præp. Syr.* & *Sal.* **Red Coral.**

Coriandrum *Offic.* vulg. *Park.* Raij *H. Pl.* 470 Uſu *Sem.* Hæc Planta dum viget halitum gravem præbet, reſiccata autem ſuavem acquirat odorem. **Coriander.**

A. **Corylus** *Offic.* ſive *Nux Avellana* ſylveſtris *Park.* Raij *Cat. Angl.* & *H. Pl.* 1379. Uſu *Fructi.* & *Lign.* in Sylvis & Sepibus. *The* **Hazell Nut.**

A. **Crithmum** ſeu *Fæniculum marinum* Offic. minus *C. B.* Raij *Cat. Angl.* & *H. Pl.* 457. Uſu *Herba tota.* Fol. in Muria condita in acetarijs, *&c.* Sæpe uſurpatur. In clivis & Rupibus maritimis frequenter occurrit. **Rock Sampire.**

A. **Crocus** *Offic.* verus ſativus Autumnalis *Park.* Raij *Cat. Angl.* & *H. Pl.* 1176. *Uſu* ſtamina Florum. *Præp.* Sp. Syr. Ext. Spec. & Empl. Floret *Septembre.* In *Eſſexia* & Comitatu *Cantabrigiæ* permultum colitur. **Saffron.**

Cucumis Hortenſis *Offic.* Sativus vulg. *C. B.* Raij *H. Pl.* 645. *Uſu* Fruct. *culinis* & *Sem. Officinis* quæ inter quator frigidiora majora enumerantur. **Garden Cow cumber.**

Cucumis Sylveſtris ſeu *Aſininus* Offic. & *I. B.* Raij *H. Pl.* 647. *Fæcula* Succi Fructus hujus Plantæ dicitur **Elaterium.** Fructus fert in Autumno. **Wild Cow-cumber.**

Cupreſſus *Offic.* & *C. B.* Raij *H. Pl.* 1406. *Uſu* Fruct. ſeu Conos. in Hortis creſcit. *The* **Cypreſs-Tree.**

A. **Cuſcuta** *Offic.* ſeu *Caſſutha Ger.* major *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1903. *Uſu* Herba tota cum floribus. Herbis adnaſcitur paſſim; *Junio, Julio, & Auguſto* floret. **Dodder.**

A. **Cyclamen** ſive **Arthanita** *Offic.* Raij *H. Pl.* 1205. *Uſu* Rad. In Curioſorum Hortis colitur. **Sow-Bread.**

Cydonia ſen *Cotonea* malus *Raij H. Pl.* 1452. *Uſu* Fruct. & Sem. *Præp.* Succ. Syr. Vin. Rob: Miva, *&c.* Fructicat in *Octobri.* The **Quince-Tree.**

A. **Cynogloſſum** *Offic.* majus vulg. *Ger.* Raij *Cat. Angl.* & *H. Pl.* 489. *Uſu* Fol. & Rad. *Præp.* Pill. ad vias ubique Junio Floret. **Hounds-Tongue.**

A. **Cynosbatos** & **Cynorhodos** *Offic.* Roſa ſylv. vulg. flore odorato incarnato. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1470. *Uſu* Fruct. & Spong. *Præp.* Conſ. *Autumno* fruticat in Sepibus. *The* **Dog Roſe, Hepp,** or **Wild Bryar.**

A. **Cyperus Longus** odoratus *Offic.* & *Park.* Raij *Cat. Angl.* & *H. Pl.* 1294. Uſu *Rad.* In paluſtribus. *The* **Sweet Cyperus,** or **Engliſh Galangal.**

A. **Geranium Robertianum** & **Gratia Dei.** *Offic.* vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 1058. Uſu *Planta integra.* Ad ſepes ubique. **Herb-Robert.**

A. **Glycyrrhiza** ſeu **Liquiritia** *Offic.* vulg. Siliquoſa *Park.* Raij *Cat. Angl.* & *H. Pl.* 910. Uſu *Rad.* cum *Succo* Ejuſdem. Præp. *Syr. Comp.* Floret *Julio* & Semen fert *Septembri,* varijs locis apud nos colitur. **Liquoriſh.**

A. **Gramen Caninum** *Offic.* arvenſe ſeu *Gramen* Dioſc. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1255. Uſu *Rad.* Præp. *Aq.* In agris & Hortis nimis frequens. **Common Dogs Graſs, Quick Graſs,** or **Couch Graſs.**

Groſſularia ſive **Uva Criſpa,** *Offic.* Raij *H. Pl.* 1484 Uſu *Fruct.* Floret *Aprili,* fructum fert *Maio,* quem *Junio* & *Julio* perficit. *The* **Gooſberry.**

Granata vel **Punica** *Offic.* & *Ger.* Raij *H. Pl.* 1462. Uſu *Poma* cum *Cort.* Præp. *Syr.* The **Pomegranate-Tree.**

A. **Hedera** *Offic.* corymboſa nigra. *Park.* Raij *Cat. Angl.* & *H. Pl.* 1505. Uſu *Fol. Bacc. Lig.* & *Gummi.* Floret *Autumno,* Baccas fert hyeme, Arboribus paſſim naſcitur. **Climing** or **Barren Ivy.**

A. **Hedera Terreſtris** *Offic.* vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 567. Uſu *Herba integra.* Præp. *Aq. Conſ.* & *Syr.* Menſe *Aprili* Floret, ad Sepes. **Gill go by the Ground, Tun-hoof, Ale-hoof,** and **Ground-Ivy.**

Helleborus Albus *Offic.* & *Ger.* Raij *H. Pl.* 168. Uſu *Rad.* Præp. *Vin.* **White Hellebore.**

Helleborus Niger *Offic.* niger verus *Ger.* Raij *H. Pl.* 697. Uſu *Rad.* Præp. *Ext. Syr.* & *Oxymel.* in Hyemem Floret. *The* **True black Hellebore.**

Horminum Sativum *Offic.* vulgare ſeu *Sclarea. Park.* Raij *H. Pl.* 543. Uſu *Fol.* & *Flor.* Præp. *Aq.* & *Sp.* Junio & Julio Floret. In Hortis ſeritur. **Garden Clary.**

A. **Horminum Sylveſtre** & **Oculus Chriſti** *Offic.* Sylv. Lavendulæ Flore. *C. B. Raij Cat. Angl.* & *H. Pl.* 545. Uſu *Planta integra.* in glareoſis frequens. **Engliſh Wild Clary.**

A. **Hypericum** *Offic.* vulgaris *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1018. Uſu *Fol.* ac *Flores.* Præp. *Aq. Fruct. Ol. Simp.* & *Comp.* Floret *Julio* in Dumetis & ad Sepes. **St. John's Wort.**

Hyſſopus *Offic.* vulg. ſpicatus anguſtifolius *I. B. Raij H. Pl.* 516. Uſu *Fol.* ac *Flor.* Præp. *Aq. Syr.* & *Ol. Still.* Floret *Julio* & *Auguſto,* Creſcitque in Hortis. **Garden Hyſſop.**

A. **Hepatica** & **Lichen** vulg. *Offic.* & *Park. Raij Cat. Angl.* & *H. Pl.* 124. Uſu *Fol.* In uliginoſis & umbroſis ad rivulorum ripas. **Common Liver-wort.**

A. **Jacobea** *Offic.* vulgaris laciniata. *C. B. Raij Cat. Angl.* & *H. Pl.* 284. Uſu *Fol.* In Paſcuis & ad vias paſſim provenit. **Seggrum** or **Ragwort.**

Jaſminum *Offic.* vulgatius fl. albo *C. B. Raij H. Pl.* 1599. Uſu *Flores.* Præp. *Aq. Balſ.* & *Eſſent.* ſeu *Ol.* per *Infuſ.* per integram ferè æſtatem Floret. **White Jaſmine** or **Jeſſime.**

Imperatoria *Offic.* ſive *Aſtrantia* vulg. *Park.* Raij *H. Pl.* 436. Uſu *Rad.* Præp. *Aq.* in Hortis nutritur. **Maſterwort,** and by ſome erroneouſly **Pellitory** of **Spain.**

Iris Noſtras *Offic.* purpurea ſeu vulg. *Park.* Raij *H. Pl.* 1180. Uſu *Rad.* Præp. *Aq.* & *Succ.* floret *Maio* & *Junio,* in *Hortis* frequenter. *The* **Purple Flower de Luce.**

A. **Juglans** *Offic.* ſive *Regia* vulg. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 1376. *Uſu* Nuces virides dum teneræ ſunt & *Cort.* interior Arboris. Præp. *Aq. Simp.* & *Comp.* & *Mel.* Fructum ante initium *Septembris* apud nos non perficit. *The* **Wallnut-Tree.**

A. **Juniperus** *Offic.* vulgaris baccis parvis purpureis. *I. B.* Raij *Cat. Angl.* & *H. Pl.* 1411. Uſu *Bacc. Lign.* & *Gummj* quod **Sandaraca** dicitur. Præp. *Aq. Sp. Conſ.* & *Ol. ſtill. Fructus* matureſcit Anno ſecundo, *Autumno* & tunc cæruleo tingitur colore. In Ericetis creſcit. **Juniper.**

Lactuca *Offic.* ſativa non capitata *J. B.* Raij *H. Pl.* 220. Uſu *Fol.* & *Sem.* quæ annumerantur inter *Semina* quatuor *Frigida* quæ *minora* dicuntur. Præp. *Aq.* **Garden Lettice.**

A. **Lactuca Agnina** *Ger. Valeriana* campeſtris inodora major *I. B.* Raij *Cat. Angl.* & *H. Pl.* 392. *Folia* Verno tempore, cum Aceto Sale & Oleo jucundè commeduntur cum alijs acetarijs Herbis. Inter ſegetes. **Lambs Lettice** or **Corn Sallet.**

A. **Lens** *Offic.* vulgaris *C. B.* Raij *Cat. Angl.* & *H. Pl.* 904. Uſu *Sem.* Seritur in Agris. **Lentills,** and by ſome **Dills.**

A. **Lamium Album** *Offic.* vulg. album ſeu *Archangelica* flore albo *Park.* Raij *Cat. Angl.* & *H. Pl.* 559. Uſu *Flor.* Præp. *Conſ.* & *Aq.* Menſe Aprili & Maio floret, ad Sepes. **White Archangel,** or **Dead Nettle.**

Eruca *Offic.* Latifolia alba ſativa *Dioſc. C. B.* Raij *H. Pl.* 806. *Uſu* Sem. **Rockett.**

A. **Lamium Rubrum** *Offic.* vulg. folio ſubrotundo flore rubro, *Park.* Raij *Cat. Angl.* & *H. Pl.* 559. Uſu *Fol.* ac *Flor.* Primo vere & deinceps per totam æſtatem Floret. **Small Dead Nettle,** or **Red Archangel.**

Lavendula *Offic.* major ſeu vulgaris *Park. Raij H. Pl.* 512. Uſu *Fol.* & *Flores.* Præp. *Conſ. Aq.* & *Sp.* Junio ac Julio menſibus floret, in Hortis. **Lavender.**

Laurus *Offic.* vulgaris *C. B.* Raij *H. Pl.* 1668. Uſu *Fol.* & *Bacc.* quæ maturantur ſub finem Autumni. *Præp.* Elect. Empl. Ung. & Ol. Stil. The **Bay-Tree.**

A. **Lens Paluſtris** *Offic.* ſeu aquatica vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 117 Uſu. *tota Herba.* In aquis ſtagnantibus. **Ducks-meat.**

Leviſticum *Offic.* vulg. *Ger.* Liguſticum vulg. folio Apij *I. B.* Raij *H. Pl.* 437 Uſu *Fol. Rad.* & *Sem.* Præp. *Aq.* & *Ol. Stil.* Æſtate Floret. **Lovage.**

Lilium Album *Offic.* album fl. erecto & vulgare *C. B. Raij H. Pl.* 1109. Uſu *Flor.* & *Rad.* Præp. *Ol.* Floret Junio. **White Lilly.**

A. **Lilium Convallium** *Offic.* fl. albo *Park. Raij Cat. Angl.* & *H. Pl.* 667. Uſu *Fol.* ac *Flor.* Præp. *Aq.* & *Conſ.* Majo menſe floret, in umbroſis. *The* **Lilly** of the **Vally,** or **May-Lilly.**

Limonia mala *Offic.* Raij *H. Pl.* 1656. Uſu *Fruct.* cum *Cort.* & *Sem.* Præp. *Aq. Syr. Conſ.* & *Spt.* Fruct. ex *Hiſpania* & *Italia* ad nos deferuntur. *The* **Lemmon.**

A. **Linum** ſativum *Offic.* & *Ger. Raij Cat. Angl.* & *H. Pl.* 1072. Uſu *Sem.* Præp. *Ol.* per *Expreſs.* in Agris ſeritur. **Flax.**

A. **Lithoſpermum** ſeu **Millium Solis** *Offic.* & *J. B. Raij Cat. Angl.* & *H. Pl.* 503. Uſu *Sem.* In Agrorum marginibus ſiccioribus. Flor. Maio & Junio **Gromill** or **Gromwell.**

A. **Lujula** & **Acetoſella** *Offic.* Trifolium acetoſum vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 1098. Uſu *Fol.* Floret Aprili ac principio Maij. Locis gaudet nemoroſis & Opacis. **Wood-Sorrel.**

Lupinus *Offic.* vulg ſemine & flore albo ſativus *J. B. Raij H. Pl.* 906. Uſu *Sem.* Æſtate floret, & Autumno *Sem.* perficit. **Lupines.**

A. **Lupulus** Salictarius *Offic.* & Raij *Cat. Angl.* & *Hiſt. Plant.* 156. Uſu *Flor.* Auguſto in ſepibus paſſim abundat. **Hops.**

Lentiſcus vulgaris *C. B.* Raij *H. Pl.* 1579. Uſu *Lignum* & *Gummi* quod è caudicibus hujus Arboris exudat & **Maſtich** vocatur. *The* **Maſtich-Tree.**

Majorana & Sampſucum *Offic.* vulg. æſtiva. *Park.* Raij *H. Pl.* 538. Uſu *Fol.* ac *Flor.* Præp. *Aq. Ol. Stil.* & *Conſ.* Floret *Julio* & *Auguſto.* **Sweet Marjoram.**

Mandragora *Offic.* fructu rotundo *C. B.* Raij *H. Pl.* 668. Uſu *Fol.* & *Rad.* in Hortis Botanicis colitur. *The* **Male Mandrake.**

A. **Marrubium Album** *Offic.* Marrubium album vulg. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 555. Uſu *Fol.* Præp. *Aq.* & *Syr.* Floret *Julio,* ad vias publicas & in locis ruderatis. **White Horehound.**

Marum *Offic. Sampſuchus* ſeu *Marum* Maſtichen redolens. *C. B.* Raij *H. Pl.* 520. Uſu *Herba* tota, in *Auguſto* floret. **Herb Maſtich** or **Maſtich Time,** and by ſome **Marum.**

Marum Syriacum vel *Creticum Park.* Raij *H. Pl.* 538. Uſu *Fol.* & *Flor.* gratiſſimo & vegeto ſunt odore, & fernutatoriis frequenter imponitur. **Aſſyrian Maſtich Time.**

A. **Matricaria** & Parthenium *Offic.* Vulg. *Park. Raij Cat. Angl.* & *H. Pl.* 355. Uſu *Herba* cum *Flor.* Præp. *Aq.* Junio & Julio Menſibus flor. ad ſepes & locis ruderatis. **Fever-few.**

A. **Eryngium** *Offic.* marinum *Matth. C. B.* Raij *Cat. Angl.* & *H. Pl.* 384. Uſu *Rad. ſiccat.* aut *Condit.* In Littoribus arenoſis naſcitur. **Sea-Holly,** or **Eryngo.**

Buglossum Hortense *Offic.* angustifolium majus. *C. B.* Raij *H Pl.* 492. Usu *Fol. Rad.* & *Flor.* quæ sunt e numero quatuor *Florum Cordialium.* Præp. eædem cum *Borragine.* In hortis nostris frequenter occurrit. **Buglos.**

Bugula seu *Consolida media Offic.* vulgaris Fl. cæruleo. *Park.* Raij *Cat. Angl.* & *H Pl* 575 Usu *Herba* integra. Maio mense Floret. In sylvis & Pratis humidis. **Bugle.**

Bursa Pastoris *Offic.* major vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 326. Usu *Fol.* passim occurrit totaque æstate viget. **Shepheards Purse.**

Buphthalmum (Tenam longe distat a Buphthalmo *Dioſc.* & *Matth.* bellis major *Ger.* Raij *Cat. Angl.* & *H Pl.* 1[illegible]. Usu *Fol.* & *Flor.* In pratis & pascuis Maio & Junio Floret. *Th.* **Great Daisie,** or **Ox Eye.**

Buxus *Offic.* arborescens *C. B.* Raij *Cat Angl.* & *H Pl.* 1013. Usu *Flor.* & *Ligna* Præp. *Ol. Stil.* In variis locis Angliæ. *The* **Box Tree.**

Calamintha *Offic.* altera odore Pulegij foliis maculo *Park.* Raij *H. Pl.* 5[illegible]9. & *Cat. Angl.* Usu *Herba tota* Præp. *Aq. Spec. Diacalamynth. Simp. & Comp.* Sedùs & Autumnum Floret. In aggeribus sepium & solo sterili & arenoso provenit. Hæc pro vulgari in *Offic.* usu semper usurpatur & forsan non immeritò. **Field Calamint.**

Calamintha vulgaris fl. magno *I. B.* Raij *H Pl.* [illegible] *Anglo* per totam ad aggeres fossarum & se[illegible] **Common Calamint.**

Calamus Aromaticus *Offic.* Acorus verus seu Calamus Aromaticus *Offic. C. B.* Raij *Cat. Angl.* & *H. Pl.* 161. [illegible] Locis humidis gaudet. Plantam hanc non ei *Calamum Aromaticum* seu *odoratum Antiquorum* [illegible] recentiores consentiunt sed *Acorum verum Dioſc.* [illegible] **Sweet smelling Flag,** or **Calamus.**

Calendula *Offic.* Caltha Vulgaris *C. B.* Raij *H. Pl.* [illegible]. Usu *Fol.* & *Flor.* Præp. *Aq. Acet.* & *Conſ.* per totam fere æstatem floret in Hortis. **Garden Marygold.**

Cannabis *Offic.* Sativa *C. B.* Raij *H. Pl.* 158. & *Cat. Angl.* Usu. *Sem.* in Agris feritur. **Hemp.**

Capillus Veneris & **Adianthum Nigrum** seu *Ruta muraria Offic. Trichomanes* mas. *Ger.* Raij *Cat. Angl.* & *H. Pl.* [illegible]. Usu *Fol.* quæ inter quinque *Herbas Capillares* locum tenet. Præp. *Syr.* Officinis nostris *Adianthi veri* seu *Capillus Veneris* succedaneum est. **English Black Maidenhair.**

Capillus Veneris Verus *Plinij Monſpelij,* unde Syrupus [illegible] & totum *Genus* aliasque nationes præparatum & in magni *Pulmonis* [illegible] habetur. *Adianthum* Fol. Coriandri *C. B.* Raij *H. Pl.* 147. *The* **True Maidenhair.**

Capparis *Offic.* Spinosa fructu minore fol. rotundo. *C. B.* Raij *H. Pl.* [illegible]. Usu *Cort.* præsertim *Radicum.* Præp. *Aq.* & *Oxycrat.* In locis arenosis & ruderatis *Italiæ, Galliæ* & [illegible]. & *Capparis Horum* Aceto conditæ ab illis [illegible] importantur, & in frequenti usu sunt. **Capers.**

Caprifolium *Offic. Periclymenum* non perfoliatum Germanicum. *C. B.* Raij *Cat. Angl.* & *H. Pl.* [illegible]. Usu *Fol.* & *Flor.* Incipit florere Maio & per totam fere æstatem luxuriat. in sepibus frequenter. **Honey-suckle** or **Woodbind.**

Carduus Benedictus *Offic.* & *Ger.* Raij *H. Pl.* 393. Usu *Fol.* cum *Capitibus* & *Sem.* Præp. *Aq. Syr.* & *Sal.* sub Autumnum *Semen* perficit. In Hortis colitur. *The* **Blessed Thistle.**

Carduus Mariae *Offic.* albis maculis notatus vulg. *Park.* Raij *Cat. Angl.* & *H. Pl.* 312. Usu *Fol. Sem* & nonnunquam *Rad.* ad Agrorum margines & in aggeribus Fossarum frequenter occurrit. *The* **Milkie** or **Ladies Thistle.**

Carthamus & **Cnicus** *Offic.* & *Ger. Raij H. Pl.* 302. Usu *Flor.* & *Sem. Doſ.* ad 3vi. Præp. *Syr. Electl.* & *Spec.* Floret Julio & Augusto. Hæ *Flores* à nonnullis venduntur pro *Croco* & ab illis *Crocus Hispan.* dicitur. **Bastard Saffron.**

Caryophyllus & **Tunica** *Offic.* Hortensis *Park. Raij H. Pl.* 986. Usu *Flor.* Præp. *Syr.* & *Conſ.* in Hortis luxuriat ac in *Julio* & postea Floret. *The* **Clove-July-Flower.**

A. **Carum** *Offic.* vulgare *Park.* Raij *Cat. Angl.* & *H. Pl.* 446. Usu *Sem.* quod unum e[illegible] e quatuor calidis majoribus Carminativis. Præp. *Aq. Spt. Ol. Stil* & *Confect.* In paluſtribus & pratis humidis apud nos invenitur. **Carawaies.**

A. **Caryophyllata** *Offic.* vulg. fl. parvo luteo *J. B.* Raij *Cat. Angl.* & *H. Pl.* 606. Usu *Rad.* & *Fol.* In Maio & Junio floret ad sepes & in dumetis. **Herb Bennet,** or **Avens.**

A. **Cassanea** *Offic. Ger.* Raij *Cat. Angl.* & *H. Pl.* 1382. Usu *Fruct.* cum *Cort.* ejus. In montibus & acclivibus. *The* **Chest-nut-Tree.**

Cataputia Major vulg. seu *Ricinus Offic.* & *Park.* Raij *H. Pl.* [illegible]66. Usu *Nuclei* Fructûs. *The* **Greater Spurge,** or **Palma Christi.**

Cataputia Minor *Offic.* seu *Lathyris* major Hortensis. *Park. Raij H. Pl.* 866. In Hortis frequenter provenit, *Doſ.* Baccar. ad no. 10. *Fol.* ad no. 6. *The* **Garden Spurge.**

Cedrus Conifera Libani. Foliis Laricis *C. B. Raij H. Pl.* 1401. Arborem hanc esse *Cedrum Libani* in sacris Literis cantopere celebratum cujus usus erat ad *Templum Solomonis* edificandum minimè dubium est. *The* **Cedar** of Lebanus.

A. **Centaurium Minus** *Offic.* fl. purpureo *J. B. Raij H. Pl.* [illegible]92. & *Cat. Angl.* Usu *Fol.* ac *Flor.* Præp. *Aq. Ext.* & *Sal.* Julio mense floret in pascuis siccioribus frequenter **Small Centaury.**

Dactylus *Offic.* seu *Palma Dactylifera* major vulgaris, *Johnſt. Dendrolog.* Raij *Hist. Plant.* 1352. Usu *Fruct.* & *Offic.* Præp. El. Diaphæn. *Fern. The* **Palm,** or **Date-Tree.**

A. **Daucus** *Offic.* seu *Pastinaca* sylv. tenuifolia *Dioſc. C. B.* Raij *H. Pl.* 465. & *Cat. Angl.* Usu *Sem.* quæ locatur inter quatuor calida minora. In Pascuis gracili solo ubique occurrit. **Wild Carrot.**

A. **Dens Leonis** & Taraxacum *Offic.* latiore fol. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 244. Usu tota Herba, per totam æstatem floret in Pascuis ubique. **Dandelion.**

Dictamnus Creticus *Offic.* & *C. B.* Raij *H. Pl.* 537. Usu *Folia.* **Dittany** of **Crete.**

Dictamnus Albus *Offic.* Fraxinella *Ger. Raij H. Pl.* 698. Usu *Rad.* **Fraxinell,** or **Bastard Dittany.**

A. **Digitalis** *Offic.* purpurea fol. aspero *C. B. Raij Catal. Angl.* & *H. Pl.* 767. Usu *Fol.* & *Flor.* junio & Julio floret in Arenosis. **Fox Gloves.**

Doronicum *Offic.* Rad. Scorpij *C. B. Raij H. Pl.* 274. Usu *Rad.* In montibus prope *Genevam* copiosè provenit. **Leopards-bane.**

Draco Herba *Ger. Raij H. Pl.* 373. Usus ejus in acetarijs frequentissimum est. **Tarragon.**

Dracontium *Offic.* major vulgaris *Park. Raij H. Pl.* 1211. Usu *Herba* tota cum *Rad.* Præp. *Aq.* **Dragons.**

A. **Dulcamara** & **Solanum Lignosum** *Offic.* Amara Dulcis *Ger. Raij Cat. Angl.* & *H. Pl.* 672. Usu *Fol.* & *Rad.* Junio & Julio Floret, in sepibus præsertim juxta aquas. **Bitter sweet** or **Woody Night-shade.**

A. **Ebulus** *Officin.* seu *Sambucus Humilis Ger.* Χαμαιακτη *Dioſc.* Usu *totus Frutex.* Floret Junio & Julio ad vias inque Agrorum limitibus & cœmeterijs. **Dane-wort, Wall-wort,** or **Dwarf-Elder.**

A. **Echium** *Officin.* vulg. *Ger. Raij Cat. Angl.* & *H. Pl.* 498. Usu. *Fol.* & *Flor.* Æstate floret in Arvis sterilioribus & muris frequenter occurrit. **Vipers Bugloss.**

A. **Elatine** *Offic.* seu *Veronica* fœm. *Fuchſij. Ger. Raij Cat. Angl.* & *H. Pl.* 759. Usu *Fol.* Seriùs post mediam æstatem floret in arvis. **Round-leav'd,** or **Female Fluellin.**

Cepa *Offic.* vulg. *C. B.* Raij *H. Pl.* 1116. Usu *Fol.* & *Rad.* In Hortis colitur. Floretque Junio & Julio. **Onyons.**

A. **Cerasus** fructu nigro *Offic.* major ac Sylvestris fructu subdulci nigro colore inficiente. *C. B.* Raij *H. Pl.* 1538. & *Cat. Angl.* Usu *Fruct.* cum *Nucleis* & *Gummj.* Præp. *Aq. Sp. Vin.* & *Syr.* The **Black Cherry.**

Cherefolium *Offic. Cerefolium* vulgare sativum. *Ger.* Raij *H Pl* 430. Usu *Fol.* & *Sem.* Præp. *Aq.* Maio Floret. **Sweet Chervil,** or **Siss.**

Chamedrys & *Trissago Offic.* Vulg. *Park.* Raij *H. Pl.* 527 Usu *Fol.* cum *Floribus.* In Hortis Junio & Julio Floret. **Germander.**

A. **Chamaemelum** vulg. *Offic.* odoratissimum repens Fl. simpl. *I. B.* Raij *Cat. Angl.* & *H. Pl.* 354. Usu *Fol.* & *Flor.* Præp. *Aq. Ol. Still.* & *Infus. Syr.* & *Sal.* In pascuis uliginosis Julio Floret. **Common Chamomill.**

Chamaemelum Romanum Fl. pleno *Offic.* repens odoratissimum perenne Fl. multiplici. *I. B.* Raij *H. Pl.* 353. Usu *Flor.* Præp. eædem cum vulgari. In Hortis Luxuriat. **Double Flowred Chamomill.**

A. **Chamaepitys** & *Iva Arthritica Offic.* lutea vulg. fol. trifido *C. B.* Raij *Cat. Angl.* & *H. Pl.* 575. Usu *Herba tota.* Præp. *Pil.* In agris reitilibus Junio & Julio Floret. **Ground-Pine.**

A. **Chelidonium majus** *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 858. Usu *Fol.* cum *Florib.* & *Rad.* Præp. *Aq.* ab Aprili mense in multam æstatem Floret. in ruderatis & Sepibus umbrosis. *The* **Greater Celandine.**

A. **Chelidonium minus** *Offic. Scrophularia* minor seu *Chelidonium* minus vulgò dictum *I. B.* Raij *Cat. Angl.* & *H. Pl.* 579. *Usu* tota Herba cum Radicibus. Floret Martio & Aprili in Pratis humidis, & ad Sepes. Hoc longè differt (in specie Methodica) a majore. Hoc *Ranunculo* affinis, illud *Papaveri Siliquosi* congener est. *The* **Lesser Celandine,** or **Pile-wort.**

Cicer *Offic.* Sativum *Ger.* Raij *H. Pl.* 917. Usu *Sem.* In *Hispania, Italia, Gallia,* &c. passim in agris feritur. Floret Junio & Julio mensibus atque subinde in siliquis *semen* producit. **Chich-Pease,** or **Cicers.**

A. **Cichorium** *Offic.* Sylvestre seu *Officin. C. B.* Raij *Cat. Angl.* & *H. Pl.* 255. Usu *Fol. Flor. Rad.* & *Sem.* quæ inter 4. frigida minora enumerantur. *Præp.* Conf. & Syr. ad agrorum margines sponte provenit. Æstate & post solstitium Floret. **Succory.**

Chermes *Offic.* Ilex aculeata cocciglandifera. *C. B. Raij H. Pl* 1392. *Coccum* fert Maio mense quod duobus usibus inservit, nimirum *Medicinæ* (ex quo celebris *Confectio* **Alkermes** nomen habuit) & *Lanis tingendis. The* **Scarlet Oak.**

A. **Cicuta** *Offic.* vulgaris major *Park* Raij *Cat. Angl.* & *H. Pl.* 451 Usu *Fol.* & nonnunquam *Rad.* Junio & Julio Floret in aggeribus terrenis & ad fossas. **Hemlock.**

Citrus *Offic.* Malus Citria seu Medica *Raij H. Pl.* 1654. *Usu* Fructus *Præp.* ex Cort. *Ol. still. Elect. Syr.* & *Condit.* The **Citron Tree.**

A. **Cochlearia Britanica** seu **Marina** *Offic.* Fol. sinuato *C. B.* Raij *Cat. Angl.* & *H. Pl.* 823. Usu & Præp. eædem cum Hortense. In salsis maritimis plurimis in Locis. **Sea Scurvy-grass.**

A. **Colocinthis** *Offic.* fructu rotundo minor. *C. B.* Raij *H. Pl.* 642. *Usu* Medulla arida Fructuum. *Doſ.* ad 3j. Præp. *Troch.* **Coloquintida.**

A. **Cochlearia Hortensis** *Offic.* fol. subrotundo *C. B.* Raij *H. Pl.* 882. & *Cat. Angl.* Usu *Herba tota.* Præp. *Aq. Sp. Conſ. Syr.* & *Sal.* Floret Aprili & Maio in Hortis. **Garden Scurvy-Grass.**

A. **Coralina** *Offic.* Muscus marinus seu *Corallina* alba *Offic.* & *Park.* Raij *Cat. Angl.* & *H. Pl.* 65. Usu *tota Planta* Accrescit Rupibus aquâ marinâ opertis juxta litus ubique **Coralline.**

Abies *Park.* Taxifolijs *Raij* Hiſt. Plant. Pag. 1394. In *Uſu* ſunt *Folia* & ejus *Reſina* quæ duplex ab hac Arbore elicitur. Prima, *Liquida* Officinis *Terebinthinam Venetam* (at *noſtratibus* Argentoratenſem, i. e. *Straſburg*) falſo vocant. Secunda, *Sicca* quæ *Thus* æmulatur. *Lignum* Deal *vocatur* Præp. *Ol. Still.* Hæc non eſt *Abies*, quia vulgo utuntur in *noſtris Officinis*, attamen multo præſtantior eſt. *The* yew Leaved, or **White Firr-Tree.**

Abies *Officinarum.* Picea *Park.* Raij *Hiſt. Plant.* 1396. *Uſus Folia.* Hæc *Arbor* copioſam *Reſinam* uſtione præbet; *ſecundis*, cum tenuioris Conſiſtentiæ ſit; *Pix Liquida* ſeu Carr vocatur; ſed cum decoctione dephlegmatur, craſſeſcit tuo, *Pix Sicca*, vel **Pitch**, nobis dicitur. *The* **Common Firr**, or **Pitch-Tree.**

Abrotanum mas *Officin.* mas anguſtifolium majus, *C. B.* Raij *H. Pl.* 371. Uſu *Fol.* Præp. *Aqua* & *Conſerva.* In Hortis colitur. **Southern-Wood.**

Abrotanum fœmina, *Chamæcypariſſus Offic.* Abrotanum fœm. vulg. *Park.* Raij *H. Pl.* 359. Uſu *Fol.* & *Sem.* Præp. *Aq.* & *Conſerv.* **Lavender Cotton.**

Abſinthium Vulgare *Offic.* & *Park.* Raij *H. Pl.* 366. & *Cat. Anglic.* Uſu *Fol.* ac *Semen.* Præp. *Aq. Spt. Vinum*, *Tinct. Ol. Stil.* & *Sal.* Creſcit in Ruderatis & Incultis ubique frequenter. **Common Wormwood.**

Abſinthium Romanum vulgare *Offic.* Seriphium ſive Marinum Anglicum *Park.* Raij *H. Pl.* 370. & *Cat. Angl.* Uſu *Fol.* ac ejus *Summitates.* Præp. eædem cum vulgari. In Maritimis **Engliſh Sea Worm-Wood**, and commonly (but falſly) called **Roman Wormwood.**

Abſinthium Romanum verum. Tenuifolium Pontici Galeni *Ger.* Raij *H. Pl.* 367. *The True* **Roman Worm Wood.**

Acetoſa, *Oxalis Offic.* & *Ger.* Raij *H. Pl.* 178. & *Cat. Angl.* Uſu *Fol. Rad.* & *Sem.* Præp. *Syr.* & *Conſerv.* In pratis & paſcuis. **Common Sorrel.**

Acetoſa rotundifolia Hortenſis *C. B.* Raij *H. Pl.* 180. Sæpe uſurpatur loco vulgaris, & *Præp.* eædem, cui præſtat; acidiore ſapore prædita. **Roman**, or **French Sorrel.**

Acorus Adulterinus *Offic.* Iris paluſtris lutea, *Ger.* Raij *H. Pl.* 1186. & *Cat. Angl.* Uſu *Rad.* Ad Ripas Fluviorum. **Yellow Water Flag**, or **Flower-de-luce.**

Adianthum Album *Offic.* Ruta muraria, ſeu Salvia *Park.* Raij *H. Pl.* 146. & *Cat. Angl.* Uſu *Fol.* quæ *inter quinque* Herbas Capillares locum occupant. In muris, & ruinis, & rentibus Lapideis naſcitur. **White Maiden Hair, Wall Rue**, or **Tent-Wort.**

Adianthum Aureum *Offic.* Polytricum Aureum majus *Park.* Raij *H. Pl.* In Pharmacopeia nominatur, ſed in Uſu non venit. In Sylvis udis ac paludoſis creſcit. **Goldilocks**, or **Golden Maiden-Hair.**

Agnus Caſtus & **Liter**, *Officin.* Vitex foliis anguſtioribus Cannabis modo diſpoſitis, *I. B.* Raij *H. Pl.* 1696. Uſu *Sem.* ſeu potius *Fructus*, Præp. *Troch.* *The* **Chaſt-Tree.**

Agrifolium ſeu **Aquifolium**, *Park.* Raij *H. Pl.* 1622. & *Cat. Angl.* In Uſu raro occurrit, attamen *Fol.* & *Baccæ* ad dolorem Colici ni & tormina inteſtinorum mire conducunt & ex *Corticibus* hujus Arboris *Viſcus* paratur. *The* **Holly Tree.**

Agrimonia Ger. & Eupatorium Græcorum *Offic.* Raij *H. Pl.* 10.. & *Cat. Angl.* Uſu *Fol.* Præp. *Aq. Sal* & *Syr.* Flores Floret in Paſcuis & ad ſepes. **Agrimony.**

Alcea Ægyptiaca, *Abel Moſch* ſeu *Moſch* Arabum. Semina valde odorata ſunt, & cum *Odoratis* frequenter in Uſu. **Musk-Seed.**

Alchimilla *Offic.* & *Ger* Raij *H. Pl.* 209. & *Cat. Angl.* Uſu *Fol.* In paſcuis & pratis montoſis. **Ladies-Mantle.**

Alkekengi & **Halicacabum**, *Offic.* Solanum Veſicarium, *C. B.* Raij *H. Pl.* 681 Uſu *Fruct.* qui Autumno maturatur. *Præp.* Troch. **Winter-Cherries.**

Alliaria *Ger.* Raij *H. Pl.* 792. & *Cat. Angl.* Uſu *Fol.* Flore floret, in ſepibus & aggeribus foſſarum. **Jack by the Hedge**, or **Sawce alone.**

Allium *Offic.* & *Ger.* Σκόροδον *Dioſc.* Raij *H. Pl.* 1125. Uſu *Fol.* & *Rad.* in Hortis colitur. **Garlick.**

Alſine *Offic.* minor ſeu media *Ger. Raij H. Pl.* 1030. & *Cat. Angl.* Uſu *Herba Integra.* **Common Chick-Weed.**

Althea *Offic.* vulgaris *Park. Raij H. Pl.* 602. & *Cat. Angl.* Uſu *Syr. Rad.* & Fol. Ex *Quinque Herb. emolient.* Præp. *Sem.* & *Ung.* In paluſtribus marinis. **Marſh-Mallows.**

Ammi vulgare *Offic.* & *Ger. Raij H. Pl.* 455. Uſu *Sem.* **Common Biſhops-Weed.**

Amygdalus *Offic.* Dulcis & Amara, *I. B, Raij H. Pl.* 1519. Uſu *Nuclea.* Præp. *Ol. per Expreſſionem.* Primo Vere Floret. *The* **Almond-Tree.**

Anagallis mas *Offic.* Flore phœniceo. *Park. Raij H. Pl.* 1023. & *Cat. Angl.* Uſu. *Fol.* & *Flor.* in Areis & Hortis. **Male Pimpernell.**

Anagallis Aquatica, ſive *Becabunga. Offic. Ger. Raij H. Pl.* 852. & *Cat. Angl.* Uſu *Fol.* vel *plantæ integra.* In rivulis & ad Fluviorum margines exit. **Common Brook-lime.**

Anethum *Offic.* Hortenſe ſeu vulgare. *I. B. Raij H. Pl.* 415, Uſu *Fol. Flor.* & *Sem.* Præp. *Ol. Stil.* & per *Infuſ.* In Hortis nutritur. **Anet**, or **Dill.**

Angelica *Offic.* Sativa. *Ger. Raij H. Pl.* 434. Uſu *Fol. Rad.* & *Sem.* quod in Julio & Auguſto perficitur. Præp. *Ol. Stil.* **Garden Angelica.**

Aniſum *Offic.* & *Ger. Raij H. Pl.* 450. Uſu *Sem.* qui inter quatuor Calida majora Carminativa locum poſſidet. Præp. *Aq. Sp.* & *Ol. Stil.* **Anniſe.**

Argentina ſeu Potentilla *Offic.* & *I. B. Raij H. Pl.* 617. & *Cat. Angl.* Uſu *Planta integra.* Circa ſemitas & loca aquoſa frequens. **Wild-Tanſy**, or **Silver-Weed.**

Anonis ſeu Reſta Bovis *Ger. Raij H. Pl.* 957. & *Cat Angl.* Uſu *Rad.* ac potiſſimum ejus *Cortex.* Præp. *Aq.* In Paſcuis Sterilioribus frequenter occurrit. **Camock**, or **Reſt-Harrow.**

Apium Paluſtre ſeu *Officinarum C. B. Raij H. Pl.* 447. & *Cat. Angl.* Uſu *Fol.* & *Sem.* quæ inter 4. *Calida minora* locum tenet. & *Rad.* quæ ad *Aperientes* refertur Præp. *Aq.* & *Ung.* in Paludoſis & Foſſis præſertim maritimis. **Smallage.**

Aquilegia *Offic.* Flore ſimplici. *I. B. Raij H. Pl.* 706. Uſu *Fol.* & *Sem.* in Sylvis montoſis invenitur. **Columbines.**

Ariſtolochia longa & rotunda, *Offic.* & *Ger.* (nam in *Foliis* parum differunt) Uſu *Rad.* **Long** and **Round Rooted Birth-wort.**

Artheniſia *Offic.* Mater Herbarum. *Ger. Raij H. Pl.* [illegible] & *Cat. Angl.* Uſu *Herba tota.* Præp. *Aq. Syr.* & *Sal.* Ad Sepes & agrorum margines. **Mugwort.**

Arum *Offic.* Vulgare *Ger. Raij H. Pl.* 1108. & *Cat. Angl.* Uſu *Rad.* & *Fol.* Præp. *Aq. Pulv. comp.* & *Fœcula.* Primo vere exit in Sepibus & Umbroſis. **Cuckow-Pint, Wake Robin**, and **Aron.**

Aſarum *Ger.* Vulgare *Offic.* & *Park. Raij H. Pl.* 207. Uſu *Fol. Doſ.* ad *Ne.* 9. infula & expreſſa. *Rad. Doſ.* ad 3j. **Aſarabacca.**

Aſparagus Sativus *Offic.* & *Ger. Raij H. Pl.* 683. Uſu *Rad.* quæ e quinque Rad. Aperient. *Turiones* ſeu *Germina* in cibis magni æſtimantur verno Tempore. **Sparagus**, or **Sperage**, corruptly **Sparrow-Graſs.**

Aſperula ſive *Aſpergula* odorata *Offic.* & *Park.* Raij *H. Pl.* 483. & *Cat. Angl.* Uſu *tota Herba. Majo* menſe *Floret* in Sylvis & dumetis præſertim montoſis. **Woodroof.**

Aſplenium, ſive Scolopendra, Ceterach, *Offic. C. B* Raij *H. Pl.* 139. & *Cat. Angl.* Uſu *Fol.* (quæ inter quinque Herbas *Capillares* enumerantur) Præp. *Syr.* In Saxorum crepidinibus inq; venuſtis muris provenit. **Ceterach, Spleenwort**, or **Miltwaſt.**

Atriplex Sativa. *Offic.* & *Ger.* Raij *H. Pl.* 191. Uſu *Fol.* & nonnunquam *Sem.* **Garden Orach.**

Atriplex *Offic.* olida *Ger.* a quibuſdam *Vulvaria* dicitur. Raij *H. Pl.* 198. & *Cat. Angl.* Uſu *Fol.* & *Sem.* juxta parietes & in locis ruderatis creſcit. **Stinking Orach.**

Avena *Offic.* Vulg. ſive alba. *C. B.* Raij *H. Pl.* 1253. & *Cat. Angl.* Uſus *Culinare* potius eſt quam *Officinale.* In Agris ſeritur. **Oats.**

Aurantia Malus *Offic.* Raij *H. Pl.* 1658. Uſu *Fol. Flor. Sem. Cort.* ac *Medulla Fructuum.* Præp. ex Flor. *Aq.* & *Ung.* e Cort. *Syr. Condit.* & *Ol. Stil. Flores* & *Fructus* toto Anno profert. The **Orange-Tree.**

Balauſtium *Offic.* Balauſtium Fl. pleno majus *C. B. Raij H. Pl.* 1643. Hac Arbor *Flores* (vulgò **Balauſtines** vocantur) ſolum fert, & illi tantum in *Uſu* ſunt. The **greater wild**, or **double bloſſomed Pomegranate-Tree.**

Balſamita Mas *Offic.* & *Ger. Coſtus* hortenſis ſeu *Mentha* Corimbiffera *I. B. Raij H. Pl.* 363. Uſu *Herba tota.* Præp. *Aq. odorata.* **Coſtmary.**

Bardana Major *Offic.* & *Ger. Perſonata*, ſive *Lappa* major, aut *Bardana. C. B. Raij H. Pl.* 332. & *Cat. Ang.* Uſu *Rad. Sem.* & *Fol.* In incultis paſſim. **Great Burdock**, or **Clot-burr.**

Bellis ſylv. minor *C. B. Conſolida* & *Symphitum* minimum. *Offic.* Raij *H. Pl.* 349. & *Cat. Angl.* Uſu *Tota Planta.* Vere primo & deinceps per totam æſtatem Floret. In Pratis & paſcuis paſſim provenit. **Common Daiſies.**

Berberis *Offic.* & *Park.* Raij *H. Pl.* 1605. & *Cat. Angl.* Uſu *Cortex interior Ligni*, & *Fruct.* ex quo Præp. *Conſ. Syr. Rob.* & *Troch.* In Sepibus ſylvoſis & ripis Fluviorum. *Fructus* in Autumno perficitur. **Barberies** & a quibuſdam **Piperidges.**

Beta Alba *Offic.* & *Ger.* Raij *H. Pl.* 204. Uſu *Rad. Fol.* & *Sem.* Præp. *Succ.* una eſt e quinque Herbæ Emollientes. *The* **White Beet.**

Beta Rubra *Offic.* & *Ger.* Raij *H. Pl.* 204. Uſu *Rad. Fol.* & *Sem.* **Red Beet.**

Betonica *Ger.* ſylveſtris ſeu vulgaris *Offic.* Raij *H. Pl.* 550. Uſu *Fol.* & *Flor.* Præp ex Fol. *Aq. Syr. Simp.* & *Comp. Empl.* & *Sal.* ex Flor. *Conſ.* In Sylvis & Sepibus Junio & Julio Floret. **Wood Betony.**

Betonica Pauli & *Veronica* mas *Offic.* Veronica pratenſis Serpyllifolia. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 848. Uſu *Fol.* Majo & Junio Floret. In pratis humidis & Sylvis creſcit. *Little ſmooth* **Fluellin**, or **Pauls Betony.**

Betula *Offic.* & *Ger.* Raij *Cat. Angl.* & *H. Pl.* 1410 Uſu *Fol. Corr.* & *Liquor* ab illa extillante. In Sylvis humidis & Ericetis colligitur. *The* **Birch-Tree.**

Biſorta *Offic.* major vulgaris *Park.* Raij *Cat. Angl.* & *H. Pl* 180. Uſu *Rad.* In pratis humidis. **Snake-weed**, or **Biſtort.**

Bombax *Offic. Xylon* ſeu *Goſſipium* herbaceum. *I. B.* Raij *H. Pl.* 1064. Uſu *Sem.* & *Lanugo* quæ **Goſſipium** *Officinis* vocatur. *The* **Cotton Shrub.**

Borrago *Offic.* Hortenſis *Ger.* Raij *H. Pl.* 493. Uſu *Rad. Fol.* & *Flores* (qui inter quatuor Cordiales Famoſos recenſentur) *Præp.* ex Fol. *Aq.* & *Syr.* ex Flor. *Syr.* & *Conſ.* In Junio Julio & Auguſto Floret. **Borrage.**

Botrys & **Ambroſia** *Offic.* Vulg. *Park.* Raij *H. Pl.* 196. Uſu *Fol.* Præp. *Syr.* In hortis colitur. **Oak of Jeruſalem.**

Branca Urſina *Offic.* Acanthus ſativus. *Ger.* Raij *H. Pl.* 1326. Uſu *Fol.* **Brank-Urſine**, or **Bears-Breech.**

Braſſica Sativa. *Offic.* capitata alba *Ger.* Raij *H. Pl.* 794. Uſu *Fol.* & *Sem.* **Garden Cabbage.**

Bryonia Alba *Offic.* aſpera ſeu alba baccis rubris. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 659. Uſu *Rad. Doſ.* ad 3j. *Præp. Aq. Comp.* & *Fœcul.* In Sepibus creſcit. **White Bryony.**

Bryonia Nigra *Offic.* lævis ſeu nigra racemoſa. *C. B.* Raij *Cat. Angl.* & *H. Pl.* 660. Uſu *Rad.* In Sepibus & Dumetis naſcitur. **Black Bryony.**